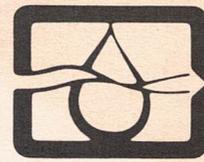


HYDRO AIR INDUSTRIES INC.



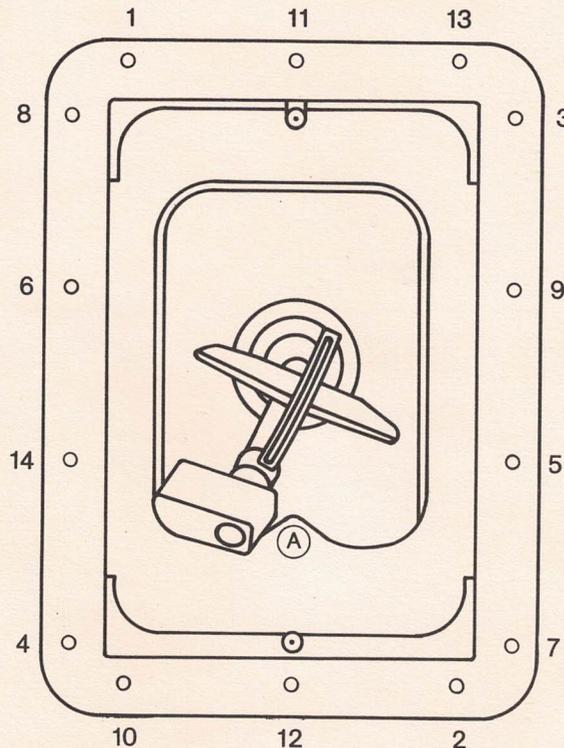
1317 W. GROVE AVE., ORANGE, CA 92665 ■ 714/974-1920

U.S. PAT. NO. 4,692,950

HYDRO'SSAGE INSTALLATION INSTRUCTIONS

1. Locate a FLAT surface with minimum measurements of 10"W x 14"H. Cut a rectangular hole 7⁵/₈"W x 11⁵/₈"H in the center of the flat area.
2. Place canister (#6 in exploded view) in hole. Mark screw holes on tub.
3. Drill #8 holes (³/₁₆" diameter) for each screw to be used to mount canister to spa.
4. Apply a generous amount of silicone on back of flange and in screw holes.
5. Push canister through hole from inside of tub with peak (A) Fig. #1) at bottom.
6. Put silicone around the hole, on back of spa.
7. Put gasket (#5 in exploded view) over silicone on back of spa.
8. Put backing plate (#4 in exploded view) over gasket.
9. Install screws (#7 in exploded view) on all four corners first; tighten until snug.
10. Install balance of screws, tighten until snug.
11. Tighten all screws an additional ¼ turn in the pattern shown below (Fig. #1)

FIG. 1.

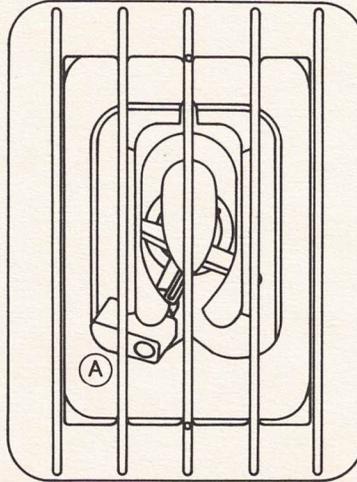


NOTE: **DO NOT** overtighten screws. You will damage the Hydro'ssage.

12. Install fitting (#8 in exploded view) in canister with bead of silicone on flange of fitting.
- *13. **Put wall fitting gasket (#3 in exploded view) ON BACK of canister (#6).**
14. Put 3 small beads of silicone on threads of fitting.
15. Install jet (#1 in exploded view) making sure air line is up. Allow all silicone to set 24 hours before water testing.
16. If pressure test is desired, use HAI Part #16-5001, making sure all silicone and glue joints have had ample time to cure.
17. Install flow path (#9 in exploded view) in unit by twist-locking retaining ring into fitting (¼ turn) clockwise. Note: Be sure to lock square shaped "ears" into slots on fitting. There are two semicircular posts 90° from square shaped ears. These help keep ring centered and will NOT lock flow path into fitting.

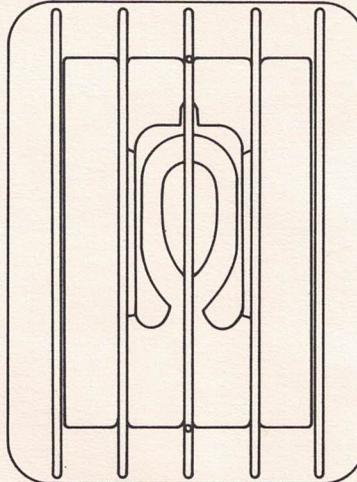
18. Before installing grate (#11 in exploded view) set flow path in lower left corner (as you face Hydro'ssage) with radius on slider matching radius in canister (A) in figure 2).

FIG. 2
TOP



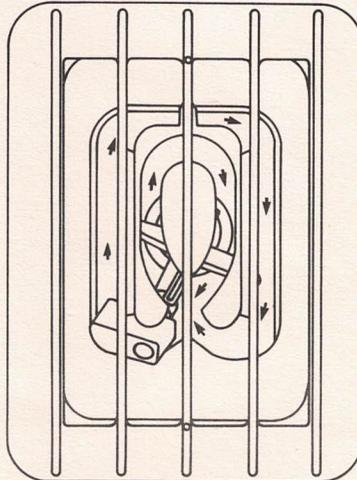
19. Place grate on front of canister making sure pin (#10 in exploded view) in grate locates in track at front of flow path (#9). This is **VERY IMPORTANT**. IF THE PIN IS NOT IN THE TRACK, THE FLOW PATH WILL NOT OPERATE. The opening in the track portion of the grate must point downward to meet the peak in the canister (as shown in Fig. 3).

FIG. 3
TOP

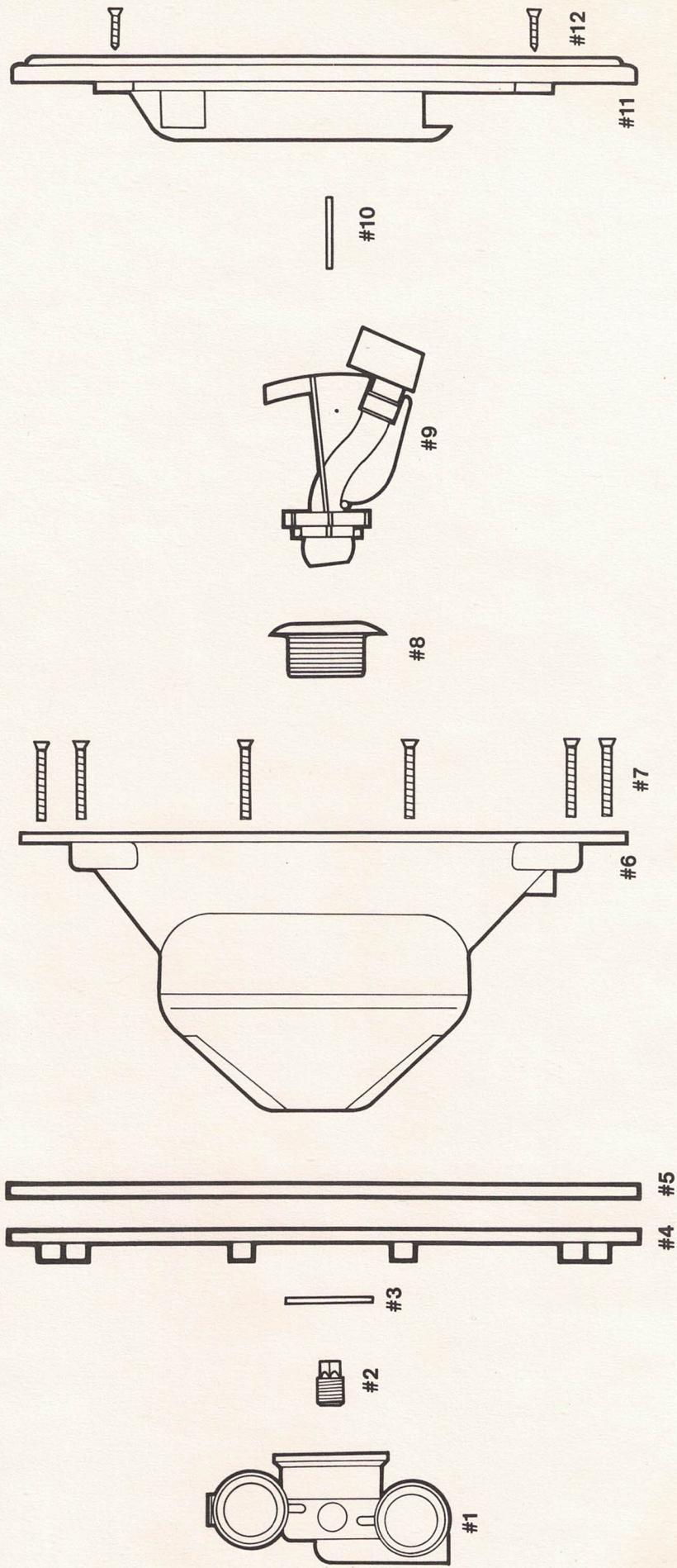


20. Fasten grate to canister using two #4 x 7/8" sheet metal screws (#12 in exploded view).
21. Move the flow path thru the track to see that it moves freely. The slider moves clockwise creating a circle within a circle (as shown in Fig. 4).

FIG. 4
TOP



HYDRO'SSAGE 16-5100 EXPLODED VIEW



PART #	DESCRIPTION	PART #	DESCRIPTION
# 1	10-4100 HYDRO JET	# 9	16-5050 FLOW PATH
# 2	10-4103 NOZZLE	# 10	3/16x1 1/4 S.S. DOWEL PIN
# 3	10-3804 WALL FITTING GASKET	# 11	16-5065 HYDRO'SSAGE GRATE
# 4	16-5000 HYDRO'SSAGE CANISTER		
# 5	16-5004 CANISTER GASKET		
# 6	10-6503 8-32x2" S.S. SCREWS,		
# 7	HYDRO'SSAGE		

HYDRO'SSAGE

STEP #20 INSTALLATION INSTRUCTIONS:

INSERT TWE TWO #4 X 7/8 SHEET METAL SCREWS THRU THE GRATE.

ALIGN THE BOTTOM GRATE SCREW TO THE HOLE IN THE CANISTER AND TIGHTEN
3-4 TURNS.

SECURELY TIGHTEN BOTH SCREWS INTO THE CANISTER.

PROCEED TO STEP 21.

3/17/87