

## INSTALLATION INSTRUCTIONS

### **ATWI, AT312, ATWI-A, ATWI-OS, ATWI-OS-A STOMP GRATE**

*CAREFULLY READ ALL INSTRUCTIONS BEFORE STARTING THIS INSTALLATION.*

**KIT INCLUDES: STOMP GRATE, 1 PEDAL, 2 PUSH RODS, 2 SPRINGS (BLUE MARK),  
1 GUIDE BAR.**

REMOVE ALL 4 SCREWS, DROP OUT FACTORY GRATE. INSTALL NEW STOMP GRATE WITH FACTORY SCREWS USING RTV SILICONE OR EQUIVALENT. APPLY A THIN LAYER OF RTV SILICONE (OR EQUIVALENT) TO MATCHING SURFACES.

LOCATE THE GUIDE BAR BY CENTERING ON THE SWIM PLATFORM, TIPPING BACK FOR CLEARANCE FROM THE TRANSOM—NOT TO EXCEED THE RANGE OF THE ROLLER BUSHING. DRILL 2 HOLES 5/16" FOR MOUNTING BOLTS. DRILL HOLES AT THIS TIME FOR PUSHRODS (7/8").

BRACING MAY BE A PROBLEM IN LOCATING THE GUIDE BAR TIGHT UNDER THE SWIM PLATFORM. SPACING THE BAR DOWN TO CLEAR IS ONE SOLUTION. A SECOND SOLUTION IS TO CUT THE CENTER OF THE GUIDE BAR OUT TO CLEAR, ADDING AN ADDITIONAL BOLT TO BOTH SIDES TO STABILIZE THEM INDEPENDENTLY SO THE ORIGINAL GEOMETRY IS NOT LOST.

WITH THE GRATE IN THE UP POSITION, PLACE THE PUSH RODS UP INTO THE GUIDE BAR THROUGH THE HOLES IN THE SWIM PLATFORM, PLACING THE BOTTOM END INTO THE RIDE PLATE ARMS FROM OUTSIDE. PLACE THE 1/2" SS SAE WASHER OVER THE END. FEED THE TAIL OF THE SPRING INTO THE HOLE TO CAPTURE. AT THIS TIME CHECK THE STROKE (5 TO 6 INCHES) WITH PEDAL IN PLACE. TRIM PUSH RODS IF NECESSARY (EVENLY).

PLACE THE LOOPED END OF THE SPRING OVER THE CARRIAGE BOLT ON GUIDE BAR AND TIGHTEN. AT THE BOTTOM PRELOAD THE SPRINGS 1" ON BOTH SIDES. CUT AND WRAP (SPRING IS KEEPER).

PLACE PEDAL ON PUSH RODS. USE RTV SILICONE OR EQUIVALENT ON SETSCREWS, BEGINNING WITH THE LOWER ONE FIRST.

**REMINDER: SAFETY IS IMPORTANT WHEN WORKING UNDER AND AROUND A BOAT.**

ATWI AMERICAN TURBINE INNER GRATE

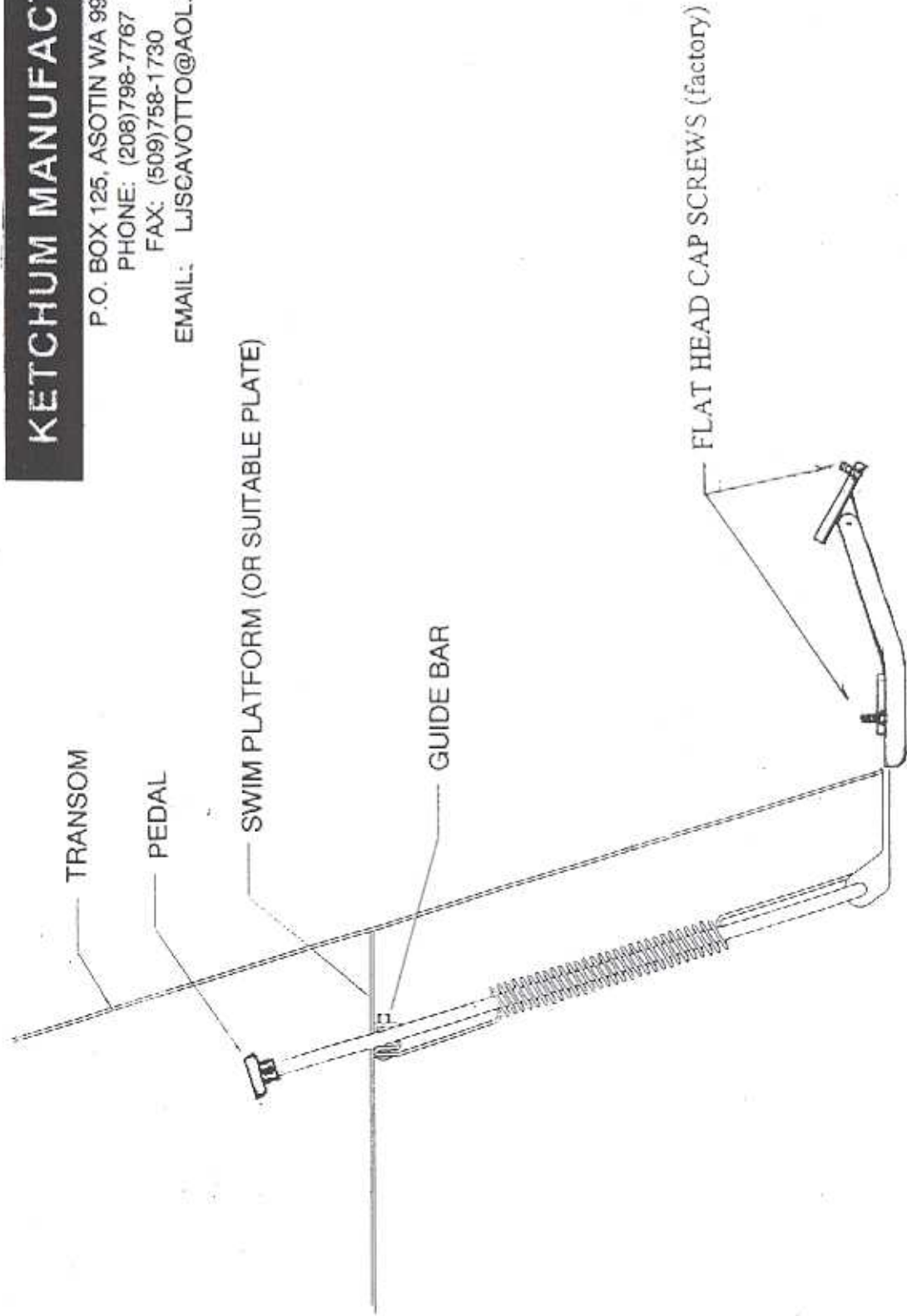
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