



Raytech Industries

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AV-40, AV-75, TD-40 AND TD-75 ALUMINUM MOTOR PLATE INSTALLATION

SHAFT ASSEMBLY INSTALLATION:

Screw the 1/2-13 nut from the end of the shaft approximately 1 1/2". Place a 9/16" flat washer onto the bottom of the shaft so that it is against the 1/2-13 nut. Insert the shaft, preferably with thread locking liquid (i.e Lock Tite, etc.) into the threaded center of the motor plate. Tighten 7-9 turns FINGER TIGHT. Excessive tightening will cause motor damage. When bottomed out, unscrew 1 1/4 full turns and run the 1/2-13 nut down and tighten against the washer motor plate.

BOWL/SHAFT ASSEMBLY:

Screw both 1/2-13 hex nuts and brass stud toward motor plate approximately one half the distance of the shaft. Place the bowl in position on the motor plate. Adjust the brass stud until the amount showing above the bowl is equal to the height of the bowl washer and the 1"-8 hex nut combined. Remove the bowl, and use the 1/2-13 nut as a jam nut for the brass stud. Make sure the brass stud does not move. Install the bowl, bowl washer, and 1"-8 nut and tighten securely.