

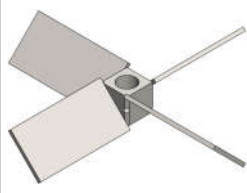

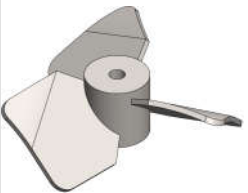

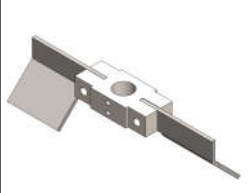



QUICK START GUIDE (QSG)

SERIES: ALL

SET SCREW IMPELLER INSTALLATION

| MARINE PROP | PF3 HYDROFOIL | PBT (PITCH BLADE TURBINE) | BIOPROP | PV3 HYDROFOIL | RUSHTON | FOLDING PROP | COWLES (SAWTOOTH) |
|--|---|---|--|---|---|---|---|
|  |  |  |  |  |  |  |  |

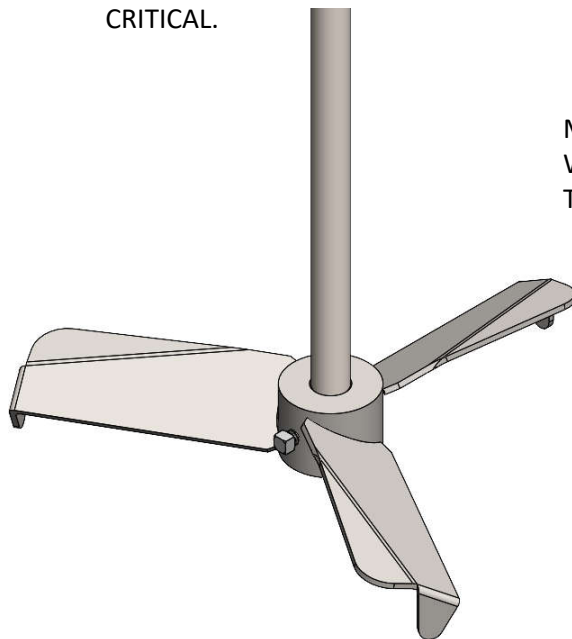
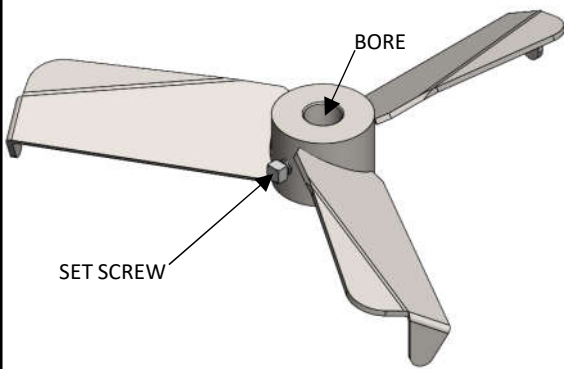
IMPELLERS ARE SHOWN IN PROPER ORIENTATION FOR INSTALLATION AND OPERATION. (FOR CW SHAFT ROTATION)

1.) LOOSEN THE SET SCREW(S) ON THE IMPELLER HUB SO THE END OF THE SCREW(S) IS CLEAR OF THE BORE.

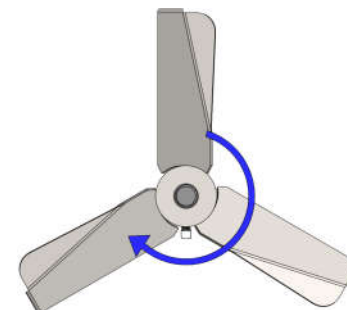
2.) SLIDE THE IMPELLER UP ONTO THE SHAFT UNTIL THE BOTTOM OF THE IMPELLER HUB IS FLUSH WITH THE BOTTOM OF THE SHAFT. ORIENTATION OF THE IMPELLER IS CRITICAL.

3.) TIGHTEN THE SET SCREW(S) TO THE APPROPRIATE VALUE BASED ON THE TABLE.

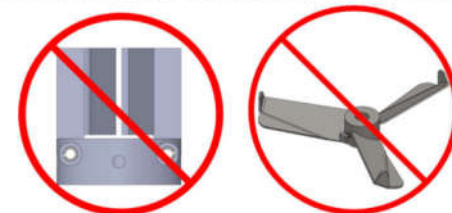
| BOLT SIZE | 18-8 & 304 STAINLESS | 316 STAINLESS |
|-----------|----------------------|---------------|
| 10-32 | 30 in-lb. | 31 in-lb. |
| 1/4-20 | 57 in-lb. | 60 in-lb. |
| 3/8-16 | 16 ft-lb. | 17 ft-lb. |
| 1/2-13 | 36 ft-lb. | 38 ft-lb. |
| 5/8-11 | 81 ft-lb. | 84 ft-lb. |



MIXER ROTATION IS CLOCKWISE WHEN LOOKING DOWN FROM THE TOP OF THE MIXER.



DO NOT INSTALL ANY TYPE IMPELLER UPSIDE DOWN



CAUTION
 DISCONNECT MIXER FROM POWER SOURCE BEFORE ASSEMBLING, LIFTING, MOVING, OR SERVICING MIXER.

CAUTION:

- THE VISCOSITY AND SPECIFIC GRAVITY OF THE FLUID AFFECTS MIXER SIZING AND SPECIFICATIONS
- DO NOT LAY MIXER ON THE SHAFT