

Velmex Rotary Table Manual/Motor Replacement

READ BEFORE PROCEEDING



- If you receive as a new unit, the worm adjustment has already been done at the factory. Please do not attempt to adjust again.
- If installing a motor on the unit, it is recommended the motor have two flats at 90° angles or it will be difficult to remove, if necessary, in the future.



To convert an A5990 manual Rotary Table to a motorized B5990 Rotary Table:

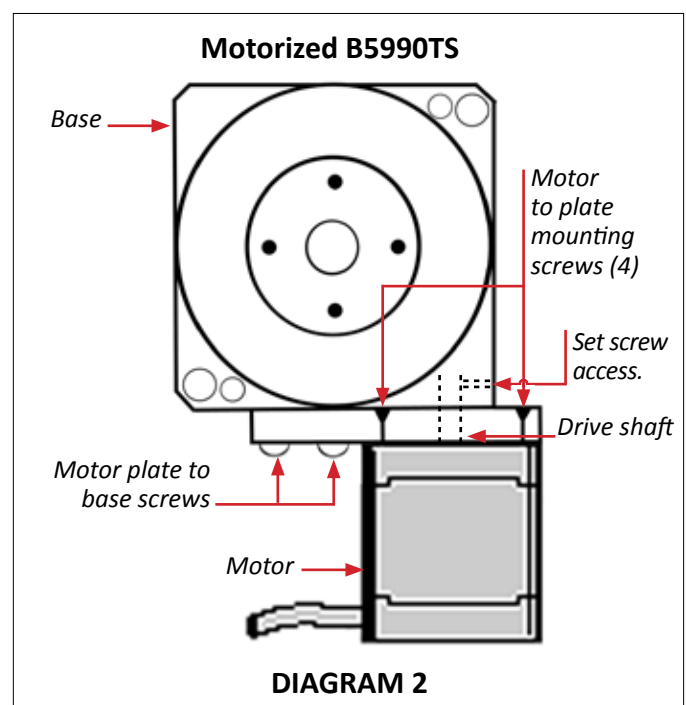
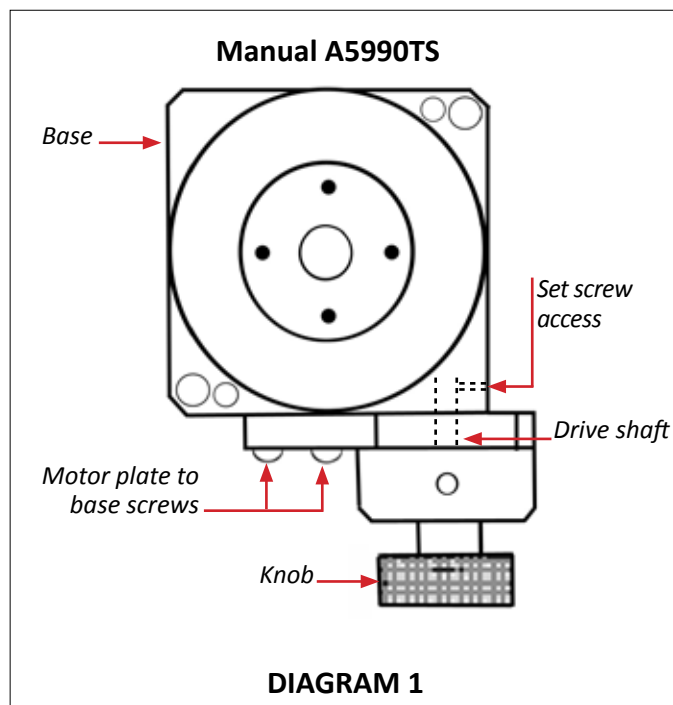
Conversion Instructions

Refer to Diagram 1

1. Remove cover (if needed) from right side of table covering set screw access.
2. Look in opening to locate the two set screws. (May need to turn table slightly until screws visible.)
3. Loosen both set screws holding knob shaft. The screws are set at 90°, so the knob will have to be rotated to access the second screw.
4. Slide the complete knob assembly out of the shaft.
5. Remove the motor plate to base screws and remove the plate from the base.

Refer to Diagram 2

6. Mount motor on to motor plate with 4 flat head mounting screws (4-40 thread x .500 long).
7. Slide motor shaft into drive shaft with the flats positioned against the set screws.
9. Reposition and tighten the two motor plate mounting screws.
10. Tighten the one set screw that should be visible through the motor coupling access.
11. Run motor to move 2nd set screw in place so that it is visible in the motor coupling access.
12. Tighten 2nd set screw.



Positioning Systems for Science and Industry

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