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M082.1 BevMax 2 X Motor Bracket Field Upgrade

Revised 1/10/07

Models Affected: All BevMax 2 Venders prior to 8541-0001AF. Also, all venders shipped after 12/6/06 will have the upgrades completed at the factory.

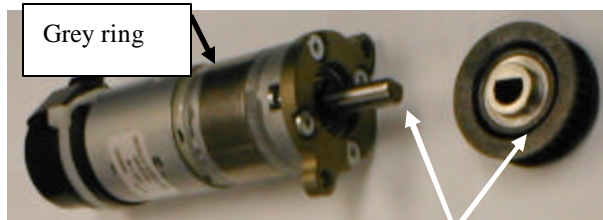
Reason: To provide a kit that includes all parts and instructions to upgrade X Motor Bracket.

Order: 1 – 647,070,84x.x3

Bev Max 2 X Motor Bracket Upgrade

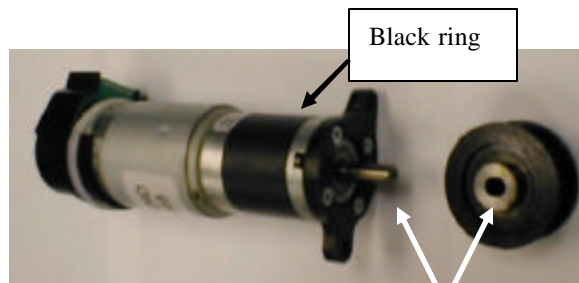
Note: The 2 Motor Mounting screw holes in the bracket are not threaded. It is recommended you pre-thread prior to attempting installation.

Installation Instructions:



XY Motor Shaft 804,501,420.11 (new 8 mm single D large shaft)

Pulley 805,300,660.11 (new 8 mm single D large shaft)



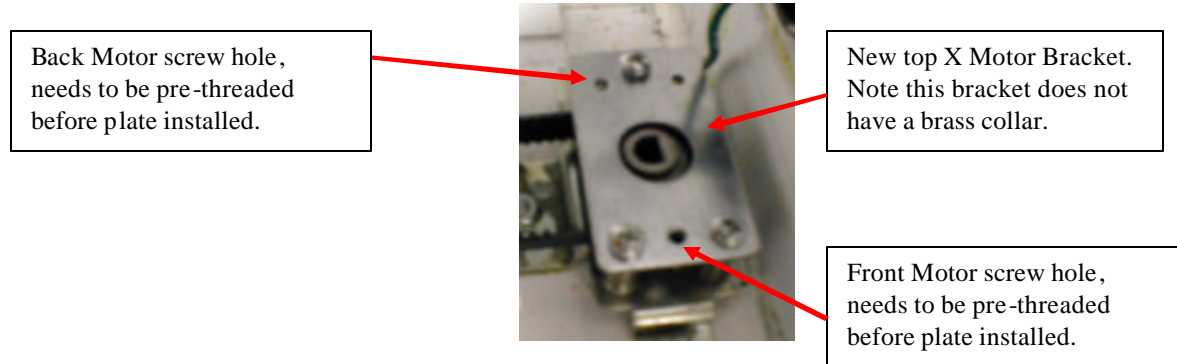
XY Motor Shaft 804,501,410.11 (old 6mm double D small shaft) - Obsolete

Pulley 805,300,570.01 (old 6mm double D small shaft) - Obsolete

Installation Instructions X Motor (reference pictures on page 1 as needed):

1. Remove power by turning on/off switch to the off position or unplugging Vender.
2. Remove tension on the X Belt.
 - a. Venders 8487-0001 and higher loosen locking nuts in bracket assembly and remove Belt from the top right Pulley.
 - b. Venders prior to 8487-0001 at the top left Pulley Assembly push the spring loaded screw toward the back of the machine to release tension on the Belt.

3. Remove the Motor Cover.
4. Unplug the X Motor.
5. Remove the X Motor secured with 2 screws. Important: Dixie-Narco recommends using a hand screw driver when removing and installing the Motor and subsequent parts to reduce the chance of cross threading the screws and stripping the mounting plate holes.
6. In Venders prior to 8487-0001 you will need to remove the old “double D” Pulley and install a new “single D” pulley.
7. Remove the existing Top Plate (X motor bracket) secured with 3 screws. Important: Note the hole orientation of the Top Plate. The new Top Plate (X motor bracket) must be installed the same manner later to ensure proper alignment and operation. If grease or oil is present it is OK and do not remove.



8. Install the new “single D” Pulley if needed.
 9. Install the Top Plate (X motor bracket) paying close attention to orient the plate in same way as when removed in step 7.
 10. Install the 3 screws by starting them with your fingers to prevent cross threading and stripping out the mounting bracket. With a screw driver loosely secure the 3 screws, do not tighten at this time.
 11. Install the Motor by inserting the “single D” motor shaft in the “single D” Pulley slot. Turn the Motor so the connector is facing the back of the Vender and the mounting holes align with the Top Plate mounting holes.
 12. Install the 2 screws by starting them with your fingers to prevent cross threading and stripping out the mounting bracket. With a screw driver loosely secure the 2 screws, do not tighten at this time.
- IMPROTANT: SECURE THE MOTOR USING THE STEPS 13 THROUGH 16 TO ENSURE THE MOTOR AND PULLEY SHAFTS ARE CENTERED.**
13. With a screw driver tighten the back Motor screw first. Ensure the Belt is on the Pulley side of the back Motor screw and not hitting the screw.
 14. Tighten the front Motor screw.
 15. Tighten the back screw in the Top Plate.
 16. Tighten the front 2 screws in the Top Plate.
 17. Plug in the Motor.
 18. Put tension back on the Belt and try moving the XY assembly left and right by hand.
 19. Apply power and test vend to confirm proper operation.
 20. If tests are OK, install Motor Cover removed in step 3.