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Vibrator Mount Plate Instructions for Your
Welker Cake Feeder



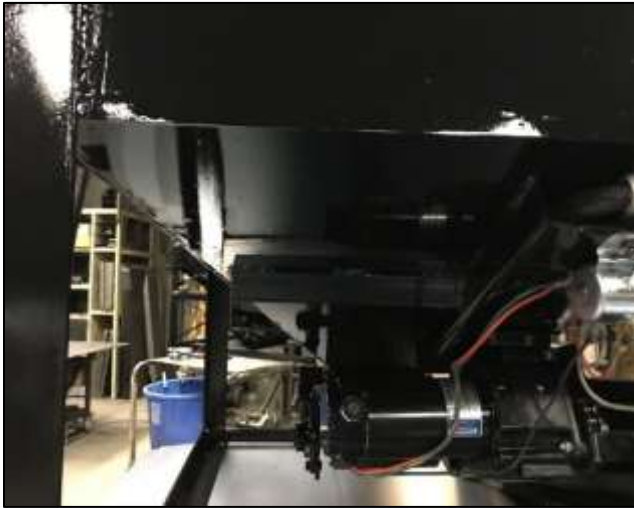


Photo 1: Caker - This is where vibrator plate will mount. Note the position of the vibrator on the mount plate.

Remove the (4) $\frac{1}{4}$ " lock nuts and flat washers. Remove the vibrator from the mount plate, keeping the nuts, washers and shim (if applicable) in a safe place.



Photo 2: Placement of the vibrator mount plate; approximately $\frac{1}{2}$ " of $1\frac{1}{4}$ " x $1\frac{1}{4}$ " x $\frac{3}{16}$ " angle iron extends to the left of the mount plate in the photo.



Photo 3: It will probably be necessary to tack the vibrator plate to the point of the angle iron, on both sides of the plate (Tack points are marked on plate).



Photo 4: You may need to apply pressure in the area indicated by the thumb in the photo to force the plate flat against the bottom of the feeder. You can try using a jack positioned between the plate and the bottom runner of the feeder to accomplish this. Once properly aligned, tack weld the plate to the bottom of the sheet. Then apply stitch welds at the locations marked “Stitch” on the plate.

After the plate and feeder have cooled completely from welding, clean the affected areas on both the feeder and the plate. Apply gloss black paint to these areas.

Bolt the vibrator to the mount plate using the supplied hardware. Ensure the shim is correctly positioned (the vibrator is marked on the corner where the shim belongs). Tighten the four (4) $\frac{1}{4}$ " bolts securely. A $\frac{7}{16}$ " open-end wrench may be required.

Connect the electrical leads to the solenoid as follows: The larger eyelet on the fuse link connects to the $\frac{5}{16}$ " post on the solenoid (where the motor lead is already attached). Remove the existing nut to make this connection. Remove the $\frac{1}{4}$ " nut securing the solenoid to the feeder (located approximately above the $\frac{5}{16}$ " post). Place the $\frac{1}{4}$ " eyelet from the black lead on the vibrator onto this bolt and secure it with the $\frac{1}{4}$ " nut. Tighten securely. Connect the $\frac{5}{16}$ " eyelet on the fusible link (from the vibrator) to the same $\frac{5}{16}$ " solenoid post. Reinstall and tighten the $\frac{5}{16}$ " lock washer and nut on the solenoid post.

Note: The vibrator should operate whenever the feeder motor is running. If vibrator operation is not desired, the fuse may be removed from the fusible link / inline fuse holder.