

VIBRATOR MOUNT

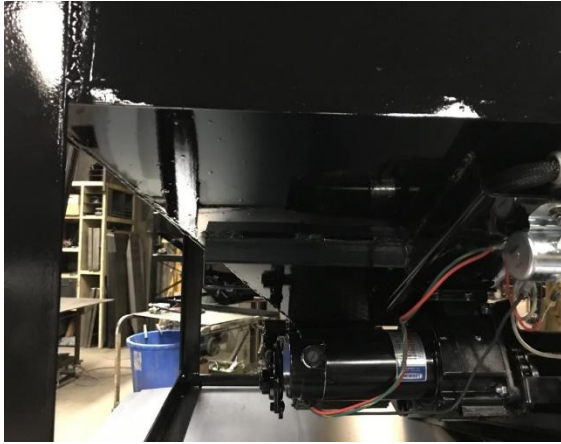


Photo 1: Caker- where vibrator plate will mount. Note the position of the vibrator on the mount plate.

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.

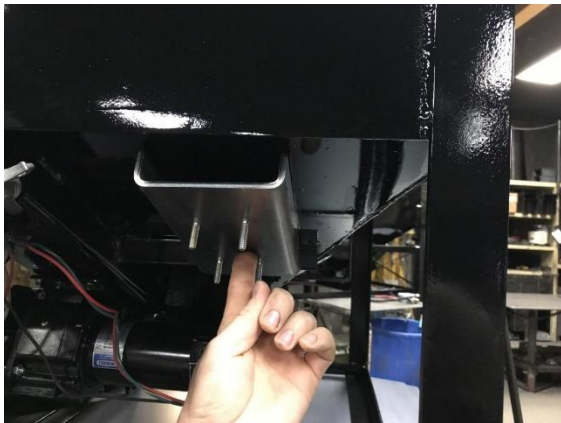


Photo 2: Placement of the vibrator mount plate; Approximately $\frac{1}{2}$ " of 1- $\frac{1}{4}$ " X 1- $\frac{1}{4}$ " x3/16" Angle Iron extends to the left of the mount plate in the photo.



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: It will probably be necessary to put some pressure about where my thumb is in the photo to force the plate flat up against the bottom of the feeder. (Perhaps a jack between the plate and runner on the bottom of the feeder...?) Tack the plate to the bottom of the sheet, and stitch weld the plate approximately where "Stitch" is denoted on the plate.

After the plate and feeder cool from the welding, clean up affected area on the feeder and the plate and paint with gloss black paint.

Bolt the vibrator to the mount plate using the hardware supplied. Ensure shim is properly located. (Vibrator is marked on the corner where the shim belongs.) Tighten the (4) $\frac{1}{4}$ " bolts. A $\frac{7}{16}$ " open end wrench may be required for this process.

Connect the leads to the solenoid. The larger eyelet on the fuse link will connect to the $\frac{5}{16}$ " post on the solenoid. A lead from the motor is already connected to this post. Remove the nut. At this point, the $\frac{1}{4}$ " nut which holds the solenoid to the feeder can be removed. This nut is approximately above the $\frac{5}{16}$ " post on the solenoid. Place the $\frac{1}{4}$ " eyelet on the black lead from the vibrator on this bolt which holds the solenoid to the feeder and secure it with the $\frac{1}{4}$ " nut. Tighten the $\frac{1}{4}$ " nut. Connect the $\frac{5}{16}$ " eyelet on the fusible link (From the vibrator) to the $\frac{5}{16}$ " post on the solenoid to which the motor lead is connected. Replace and tighten the $\frac{5}{16}$ " lock washer and nut on the solenoid post.

The vibrator should run when the feeder motor is running. The fuse may be removed from the fusible link if vibrator operation is NOT desired.