

# ***OWNER'S MANUAL & INSTALLATION INSTRUCTIONS***

***Martin® Stick & Shake™***

***Adhesive Mounting System for Industrial  
Vibrators***

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The Martin® Stick & Shake™ Adhesive Mounting System for industrial vibrators is the perfect solution for applications that need vibration, but cannot weld brackets onto the hoppers, bins, or chutes. The mounting system can be applied to all bare or painted metals, polycarbonate, acrylics, and ABS plastics. For assistance in determining which vibrator is correct for your application, please contact one of our Application Engineers at 800-477-4634.

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Items included in Stick and Shake™ assembly:

- (1) Stainless steel mounting plate with mounting stud(s), stainless steel lock washers and hex nuts if necessary
- (1) Vibrator (NTK 8AL, NTS 80, NTP 18)
- (1) Glue cartridge
- (1) Mixing Nozzle
- (1) Adhesive Gun
- (2) Double sided adhesive strips

Items needed for Stick and Shake™ installation:

- Paper towel
- Wax and grease remover or similar cleaner
- Utility knife
- Marker
- 8mm, 5/16" and 1/2" wrenches

Install time: 20 minutes

Adhesive cure time: 24 hours

**Important Note:**

MARTIN® ENGINEERING MICHIGAN refuses to accept any responsibility for bodily injury or property damage resulting from technical modifications made to the product or resulting from non-compliance to the notes and instructions contained in this operating manual.

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# INSTALLATION INSTRUCTIONS

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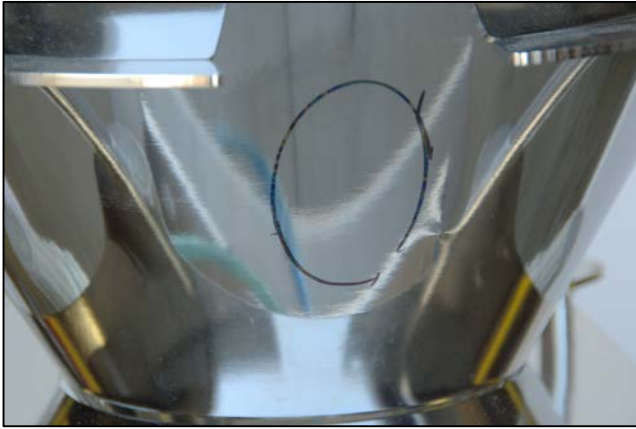
1) Clean the hopper/bin using a towel with wax and grease remover to allow for a clean working area.



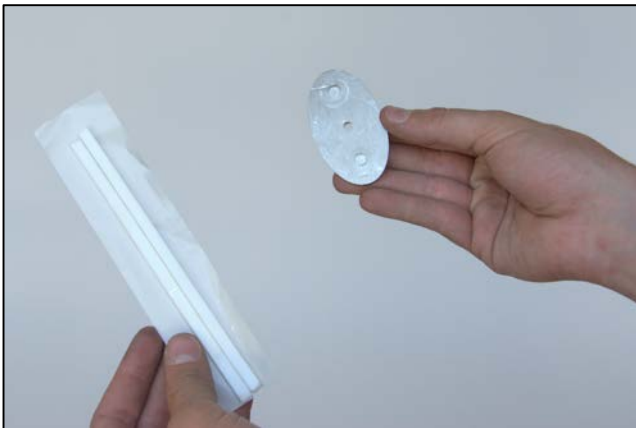
2) Position the mounting plate 1/3 up the sloped section of the hopper/bin. Note: Flat surfaces or curved surfaces with a minimum diameter of 8 inches.



3) Using a marker, trace around the outside edge of the mount.



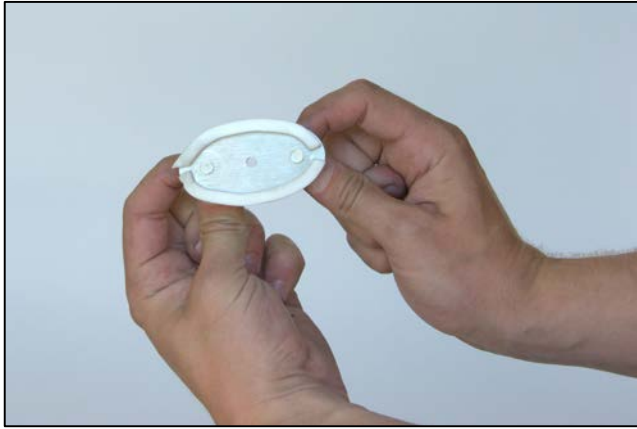
4) Remove the mount from the hopper/bin to ensure that a visible outline has been created.



5) Remove one of the double sided adhesive strips from the paper backing, and remove the plastic protective cover off of the adhesive strip. Once the plastic is off of the adhesive, apply it to the outside edge of the Stick & Shake mount™.



6) Once the adhesive strip is secure to the outside edge, use a utility knife to trim away two slots in the adhesive strips. This will allow for the glue to travel underneath the entire mount.



7) This is how the mount should look with the adhesive strip trimmed.



8) Position the mounting plate within the outline that was traced earlier. The adhesive strips will hold the mount on until the adhesive is applied and cured for 24 hours.



9) Acquire all of the components in the picture to the left to assemble the adhesive gun.



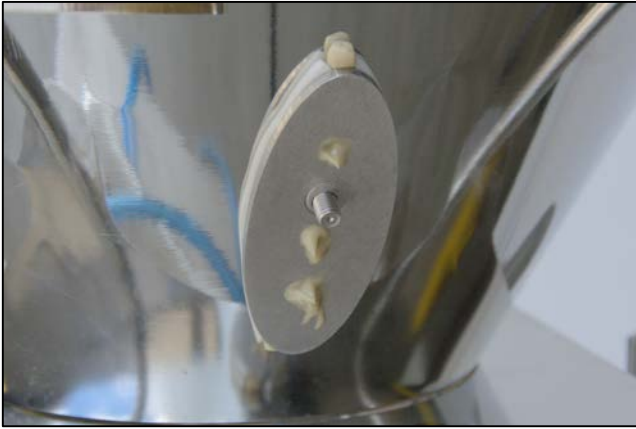
10) This is how the adhesive gun should look when assembled. Once it is assembled, cut the first notch off of the mixing nozzle using a utility knife.



11) Squeeze the trigger until adhesive comes out of the mixing nozzle, and then squeeze out an additional 3" line to ensure a proper mixture is acquired.



12) Insert the tip of the mixing nozzle into one of the open holes on the mount bracket as shown on the left.



13) Squeeze the trigger on the adhesive gun until adhesive comes out of all the open holes and ends of the mount to ensure the proper amount of adhesive.



14) The mount must be undisturbed for 24 hours to allow for curing. Once the adhesive has cured, use a utility knife to trim off the excess adhesive. This is how the Stick & Shake mount™ should look once completed.



15) The vibrator can now be fastened onto the mount and used. This is how the Stick & Shake™ mounting system looks with the NTP 18 attached to it.



Note: All of the Martin® Stick & Shake™ vibrators require a 3 way normally closed valve and 5 micron filter regulator to operate. We have these items available in both a manual and an electric package. We also have electronic timers available for applications that require more than one vibrator. These items can be purchased separately by calling 800-477-4634.

	NTS	NTP	PKL	NTK	Micro (NEA/NEG)	Manual Control Pack P/N	Electric Control Pack P/N
GM-10	80	18	-	8AL HA	-	56006	56007
GM-50	120, 180	-	-	-	-		
GM-100	-	25	190	-	504		
GM-200	50/01, 75/01	32	450	-	-		
GM-300	-	-	-	-	5020, 5050	-	-

