

HOBART A200 Mixer Bowl Scraper Attachment



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HOBART A200 Mixer Bowl Scraper Attachment



Specifications

- **Compatible Mixer Models:** A200, D300, D330, D340, H600, L800, M802 & V1401
- **Intended Usage:** Mixing batters or creaming (not for dough products)
- **Material:** Stainless steel

Installation, Operation, Use and Care of Mixer Bowl Scraper Attachment For Mixer Models A200, D300, D330, D340, H600, L800, M802 & V1401

SAVE THESE INSTRUCTIONS

GENERAL

The mixer bowl scraper attachment continually scrapes the sides of the bowl as the agitator turns. The material around the side and bottom of the bowl is constantly re-introduced into the mixture. Manual scraping is not needed when using the bowl scraper. Bowl scraper is used when mixing batters or creaming. The bowl scraper is not intended for mixing dough products. The bowl scraper is used only with stainless steel bowls.

INSTALLATION

UNPACKING

Immediately after unpacking, check for possible shipping damage. If any parts are found to be damaged, save the packaging material and contact the carrier within 15 days of delivery.

Contact your local Hobart Service office to install if your maintenance technician cannot perform the assembly described in the following section.

ASSEMBLY OF BOWL SCRAPER BRACKET

Model A200 (Fig. 1)

1. Remove the Drip Cup from Planetary. Save Drip Cup.
2. Remove the Acorn Nut, Jam Nut, Steel Washer, and Fiber Washer from the center of the planetary. Save the Fiber Washer and discard other items.

Caution: Planetary may come off with nuts removed. Support or hold Planetary in place if necessary.

3. Place the Fiber Washer and Bracket Assembly over the center shaft. Install the first jam nut and tighten. Install the second nut and tighten.
4. Place Hole Plug in the bottom of the Bracket Assembly. Line up hole with side screw hole in Bracket. Insert Screw to retain Hole Plug.
5. Fill gaps around the Scraper Bracket and Planetary with silicone sealant (supplied).
6. Reassemble the Drip Cup on Planetary.

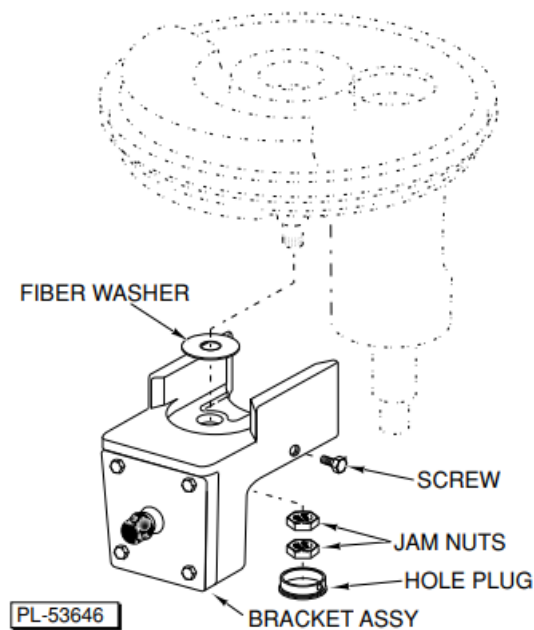


Fig. 1

Models D300, D330, D340, H600 & L800 (Figs. 2 – 5)

1. Remove the bolt from under the planetary hub (Fig. 2). Use a 9/16" hex head socket or wrench. The bolt has standard right-hand threads. Do not remove the drip cup. The drip cup will hold the planetary in place.
2. Flat washer and bolt removed in Step 1 are not needed — discard them (Fig. 3). The Lockwasher is reused. A new bolt, shipped with the Bowl Scraper, is to be used in place of the bolt that was removed in Step 1.

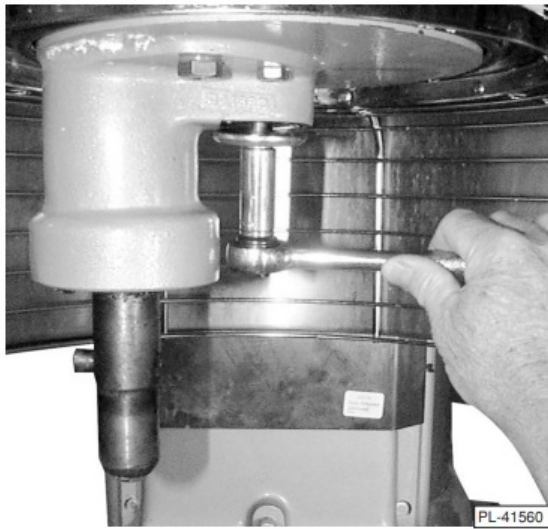


Fig. 2



Fig. 3

3. Draw a bead of silicone sealant (supplied) around the recessed area and on top of the bracket (Fig. 4).
4. Install the bracket using the new bolt and the lock washer removed in step 1, (Fig. 5). Remove excess sealant by wiping around the top of the bracket with your finger. Tighten bolt to 228 to 285 in-lbs. torque.

D300, D330, D340

H600, L800

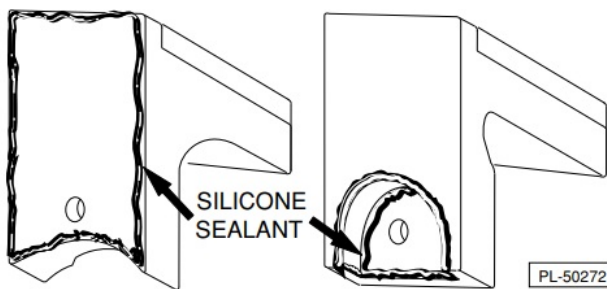


Fig. 4

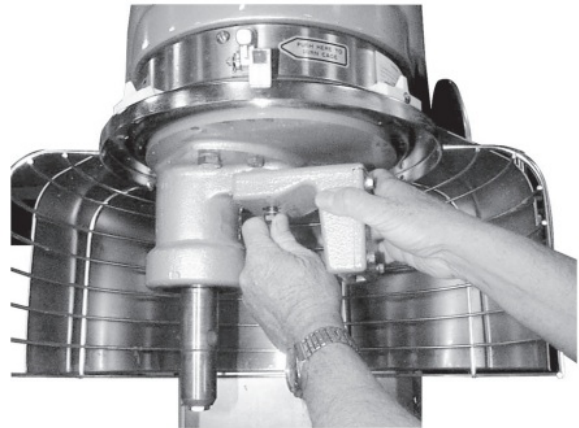


Fig. 5

5. Fill any remaining gaps around the Bracket Assembly and Planetary with silicone sealant (supplied).

Hobart recommends the M802 and V1401 Bowl Scraper Brackets be installed by Hobart-trained service technicians.

Model M802 (Fig. 6)

Caution: This procedure requires the installer to know how to replace Planetary Oil. If you are not confident of how this is done, contact Hobart Service to perform this installation.

1. Drain oil from Planetary — refer to the mixer instructions manual. Remove the existing Cap Seal with the “O” Ring from the center of the Planetary and discard. Planetary Oil will escape when the Cap Seal is removed.
2. Put a new “O” Ring in a groove on the new Cap Seal. Screw Cap Seal into Planetary and tighten.
3. Attach Bracket Assembly to Mounting Plate with two 5/16” Bolts and lock washers, provided.
4. Place a 3/8” bead of silicone sealant (supplied) around the bolt hole in the Beveled Washer. Coat threads of 3/8” Bolt with sealant.

Caution: Proper application of sealant is necessary to prevent oil leakage.

5. Place Bracket Assembly over Cap Seal. Place the Beveled Washer under the Cap Seal and Bracket, and hold

in place. Insert 3/8" Bolt and Lockwasher through a hole in the Beveled Washer and tighten.

6. Fill any gaps around the Planetary and Bracket Assembly with silicone sealant.

Fill Planetary replacing any lost Planetary Oil with like amount and type. Refer to the instructions manual for the M802 mixer.

Model V1401 (Figs. 7, 8)

1. Remove Planetary Cover (and 2 Screws) from the machine. Discard these items.
2. Remove the two 1/2" Bolts and Lockwashers which are opposite the beater shaft (Fig. 7) on the underside of the Planetary. Discard the Bolts and Lock-washers.
3. Place the Mounting Plate through a slot in the Planetary Cover and align it with Bolt Holes. Place supplied 1/2" Bolts through the cover and Mounting Plate from the bottom. Place a Lockwasher (supplied) on each Bolt. Align Cover on Planetary. Tighten Bolts.

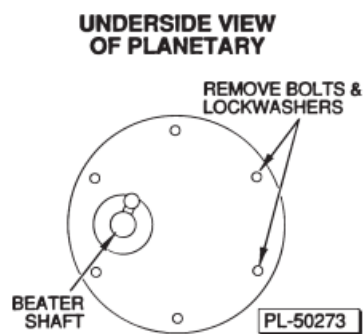


Fig. 7

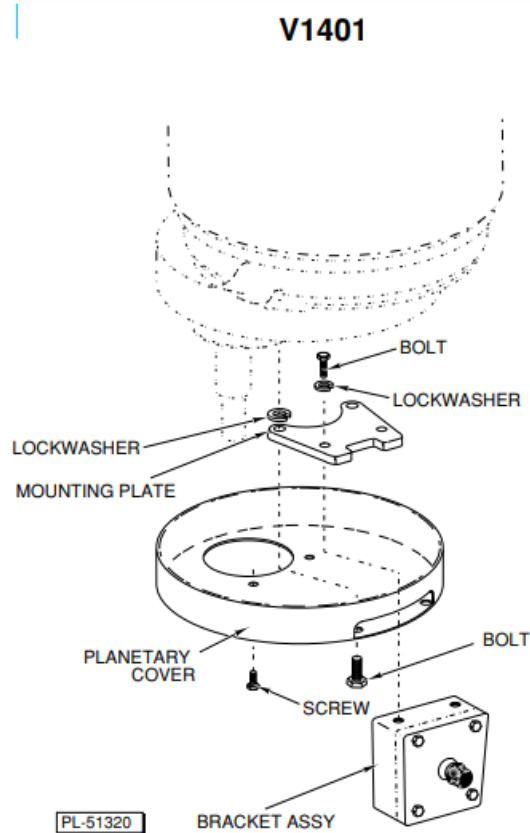


Fig. 8

4. Attach Bracket Assembly to Mounting Plate with 5/16" Bolts and Lockwashers provided.
5. Fill all gaps around the Planetary Cover and Mounting Plate with the silicone sealant, provided.

ASSEMBLY OF BOWL SCRAPER ONTO ARM — ALL MODELS (Figs. 9 – 11)

1. Slide the urethane scraper onto the arm; use a little water as a lubricant to make the scraper slide on easier. The leading edge of the scraper will turn clockwise as you look down into the bowl (Fig. 9).
2. If necessary, tap the end of the urethane scraper on a flat surface to push the scraper firmly onto the arm (Fig. 10). Make sure the sleeve is positioned on the arm as shown in Fig. 11.



Fig. 9

- ARMS WITH GUSSETS
- ARMS WITHOUT GUSSETS



Fig. 10

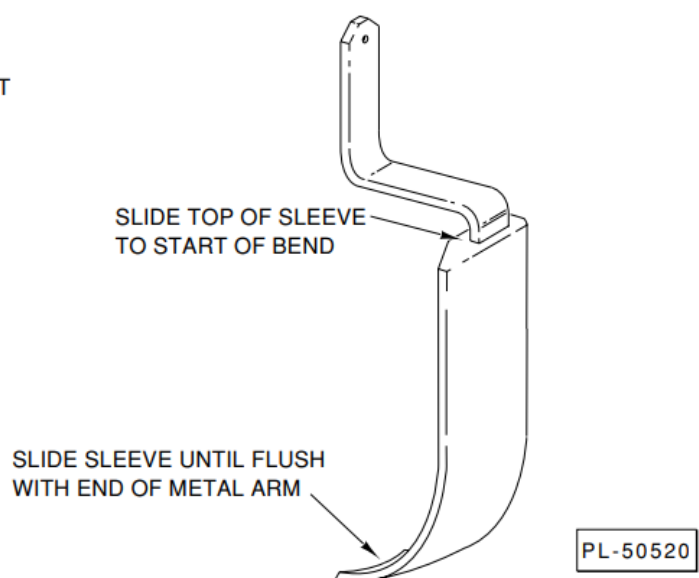
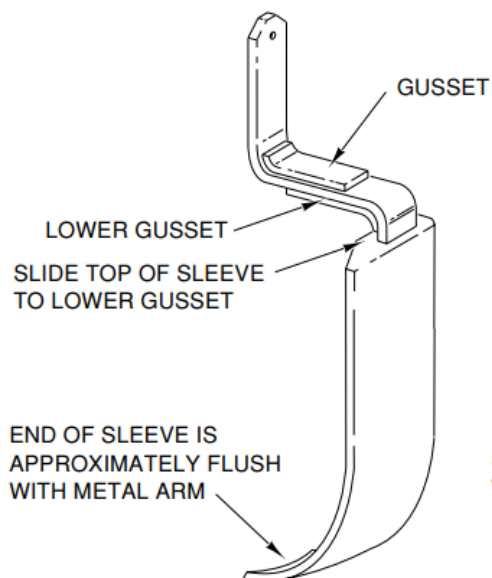


Fig. 11

NOTE: Always use proper size sleeves with scraper arms. Be careful not to mix sleeves and arms if you have multiple sizes of scrapers.

INSTALL BOWL SCRAPER LABEL ON MIXER HEAD — ALL MODELS

Prepare a clean dry place on the mixer head where the Bowl Scraper label (included with kit) can be seen by the operator. Peel off the backing paper and apply the label (Fig. 12).



Fig. 12

OPERATION

WARNING: MOVING BEATER AND SCRAPER IN BOWL. KEEP HANDS, CLOTHING AND UTENSILS OUT WHILE IN OPERATION.

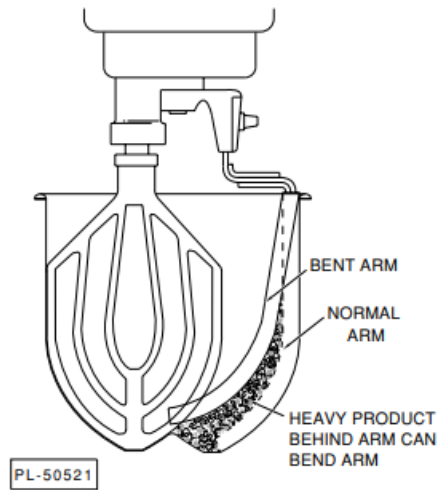
- Lubricate the bowl surface with vegetable oil or shortening, especially in the area above the product where the sleeve might rub against the bare surface of the bowl. The bowl scraper rotates clockwise as you look down into the bowl. Use speeds one and two only. Do not use a bowl splash cover or bowl extension ring.
- Products that can be mixed while using the bowl scraper are Mashed Potatoes, Waffle/Hot Cake Batter, Cake Batter, Sugar Cookies, Icing, Creaming Shortening/Sugar, Creaming Eggs/Sugar, and Mayonnaise.
- Bowl scrapers should be used with wire whip or flat beater agitators only. Stainless steel bowls must be used.

NOTICE: Never raise a bowl of the stiff product (i.e., cream cheese, shortening, unmashed potatoes) with the scraper arm engaged in the mounting bracket. The scraper arm can be permanently bent and become damaged by rotating beaters (Fig. 14).

Hold the start button to run the agitator while the bowl is being raised; or, load the bowl after it is raised.



Fig. 13



- To remove the scraper arm after using: Lower the bowl. Open the Wire Cage Assembly on the Bowl Guard (if equipped). Pull the black knob out. Lower the scraper arm (Fig. 15). If needed, remove the bowl, contents, and beater.

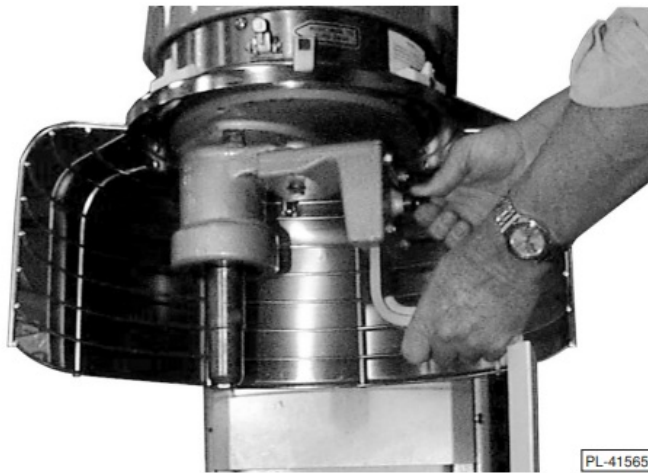


Fig. 15

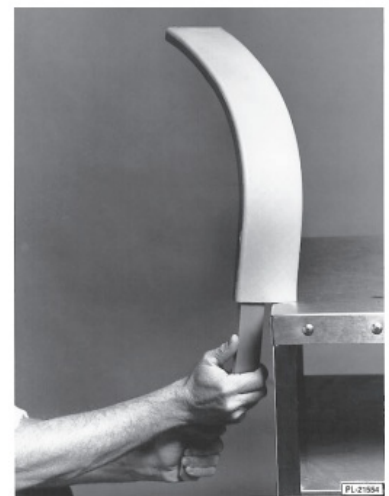


Fig. 16

Cleaning

- To remove the scraper arm from the planetary bracket, lower the bowl, pull out the knob, and lower the arm (Fig. 15). Remove the urethane sleeve from the arm. Tapping the sleeve against a table will aid removal (Fig. 16). Clean both parts in a sink with warm water and a detergent solution. Do not wash urethane sleeves in a dishwasher or use water above 110°F. Rinse with clear water and air dry.
- Do NOT use harsh chemicals (i.e., bleach) to clean the sleeve as this will degrade the urethane. Slide the sleeve onto the arm so the bevel is the leading edge; use a little water as a lubricant. Refer to Fig. 11 for proper sleeve position. Be sure the top of the arm is clean before reassembling it into the scraper mounting bracket.
- Clean the bracket as you would the exterior of the mixer. Wipe with a cloth moistened with warm water and a detergent solution. Dry with a clean dry cloth before installing the scraper.

MAINTENANCE

- Lubricate the top of the scraper arm occasionally with a little Chevron Poly FM #2 (supplied). This will lubricate

the mechanism. Keep the end of the scraper arm clean when you insert it in the bracket slot.

- The bracket cover can be removed (4 screws) for periodic cleaning and application of Chevron Poly FM #2 grease.

TROUBLESHOOTING

Symptom

- Scraper grabbing bowl.
- The bevel edge not leading.
- Beater/Bowl clearance is excessive.

Remedy

- Lubricate the bowl surface with vegetable oil or shortening.
- Remove the arm and reinstall the urethane scraper.
- Hobart Service can adjust the Beater/Bowl clearance so the scraper fits the side of the bowl.



FAQ

- **Q: Can the bowl scraper attachment be used with any type of mixing bowls?**
 - A: No, the bowl scraper attachment is designed to be used only with stainless steel bowls.
- **Q: Can the bowl scraper attachment be used for mixing dough?**
 - A: No, the bowl scraper attachment is not intended for mixing dough products. It is specifically designed for mixing batters or creaming.
- **Q: Do I need to manually scrape the sides of the bowl when using the bowl scraper attachment?**
 - A: No, manual scraping is not needed when using the bowl scraper attachment. It continually scrapes the sides of the bowl as the agitator turns, ensuring that material around the side and bottom of the bowl is constantly re-introduced into the mixture.



Contact Hobart Service for any other problems.

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Documents / Resources

	<p>HOBART A200 Mixer Bowl Scraper Attachment [pdf] Instruction Manual</p> <p>A200 Mixer Bowl Scraper Attachment, A200, Mixer Bowl Scraper Attachment, Bowl Scraper Attachment, Scraper Attachment, Attachment</p>
	<p>HOBART A200 Mixer Bowl Scraper Attachment [pdf] Instruction Manual</p> <p>A200, D300, D330, D340, H600, L800, M802, V1401, A200 Mixer Bowl Scraper Attachment, Mixer Bowl Scraper Attachment, Bowl Scraper Attachment, Scraper Attachment, Attachment</p>

References

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