

SERVICE INFORMATION

M141.0

MODELS AFFECTED: All BevMax Media (6) and BevMax 4, 3, and 2 Model Venders.

MODEL NUMBERS: DN5800-6, DN3800-6, DN5800-4, DN3800-4, DN5800-3, DN3800-3, & DN5800-2

Revised: 11/11/15

RE: BevMax Media (6) & BevMax 4/3/2 Delivery Cup Plunger Grease Application.



Reason: This service bulletin provides instructions for applying lubrication to the Delivery Cup Assembly's plunger to improve vending performance of the 18.5oz PET Pure Leaf Tea square package in BevMax Media (6) and BevMax 4/3/2 venders. Applying grease is also recommended any time the vender is refurbished and every 3 to 5 years based on a volume of 2 to 5 cases of product vended per week. If you have any issues, please contact your Crane Merchandising Systems Representative or the Technical Service Department at 803-266-5001.

Tools required:

Figure 1



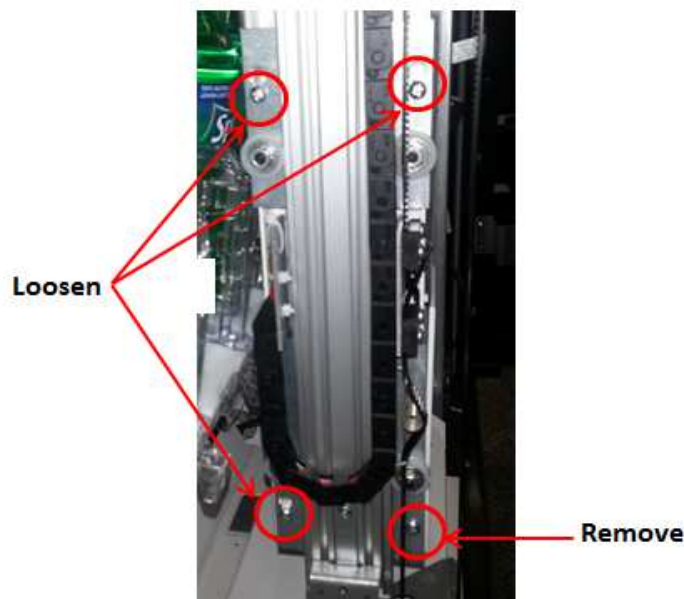
#2 Phillips Head Screw Driver, Wire Snips, Paper Clip, Towel, & 3/8 oz tube Lubriplate Grease

Note: wire snips are used to snip the end of the Lubriplate Grease tube.

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Greasing Procedure:

- 1) Power off the machine. Move the XY bar to the center of the machine so the left side is accessible
- 2) On the white Y-Assembly Cover remove the 3 lower screws and loosen the top screw, then remove the cover to expose the back of the product cup.
- 3) To free the cup from the Y-assembly, remove the bottom right screw securing the cup assembly, then loosen the 3 remaining screws. Carefully pull the cup away from the Y-assembly and disconnect the wiring harness.



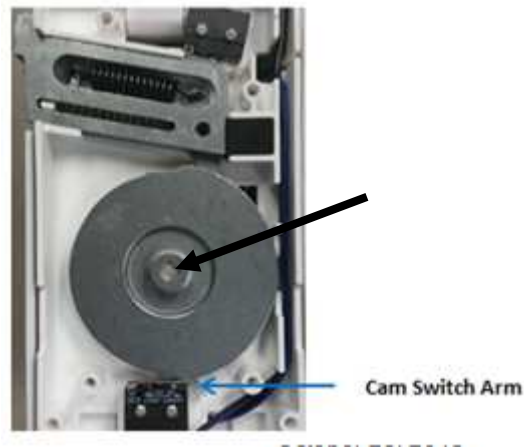
- 4) Remove the 4 screws securing the back cover to the Delivery Cup Assembly. Carefully remove the back cover exposing the components of the picker cup.



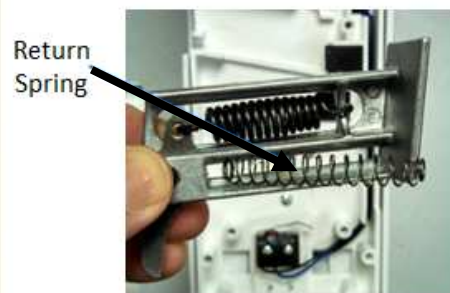
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- 5) Make an index mark on the cam and motor shaft to ensure you install the cam back in the proper position later.



- 6) Remove the Cam and existing plunger from the Delivery (picker) Cup. Make sure the return spring remains in the Plunger Assembly.



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- 7) Using a towel wipe out any residue in the Plunger cavity of the Delivery Cup.



- 8) Apply new Lubriplate Grease in two lines the full length of the plunger cavity and spread the grease around the plunger cavity using your finger or an applicator. Do NOT use the entire tube of grease on one cup (1 tube will of grease will lubricate 8 Delivery Cup assemblies). Please refer to the images below for grease pattern and amount.



Do NOT use entire tube of grease on one cup.



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- 9) Apply Lubriplate Grease in two lines as shown below to the cover plate adjacent to the plunger using the grease tube provided and spread evenly around the cover plate using your finger. Do NOT use the entire tube of grease on one cup (1 tube will of grease will lubricate 8 Delivery Cup assemblies). Please refer to the images below for grease pattern and amount.

Do NOT use
entire tube of
grease on one
cup



- 10) Using the paperclip pull the return spring behind the spring stop and place the plunger back in the channel. Once installed insure the plunger sits completely flush with the plastic embossments of the cup body, the return spring is behind the spring stop, and the home switch arm is flush with the plunger assembly.



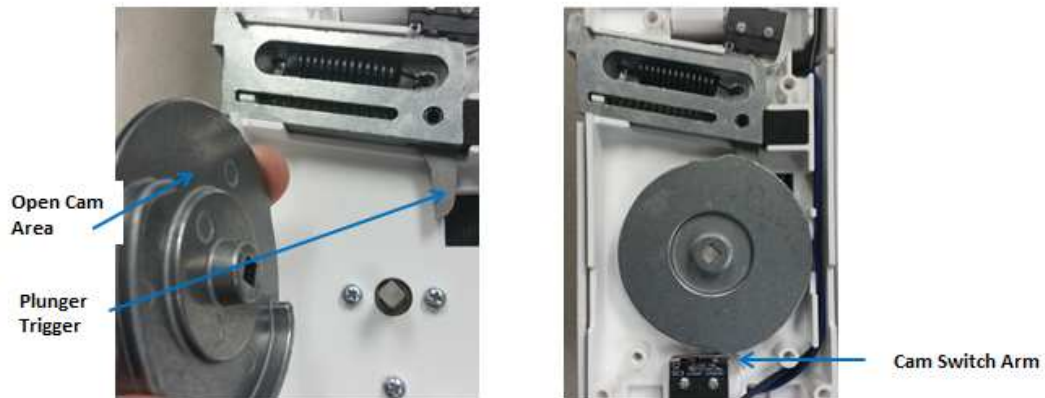
Spring Stop

Return Spring

Home Switch Arm

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- 11) Install the cam on the motor shaft. The open cam area should line up with the plunger trigger. Check to make sure the cam switch arm is in the correct position on the cam face and not trapped under the cam.



- 12) Install the Delivery Cup Cover, ensure the cam bearing is in position, and tighten the 4 screws.



- 13) Connect the Delivery Cup Harness to the Y Echain Harness and install the Delivery Cup assembly on the Y-mechanism.
- 14) Install the Y-mechanism Cover.
- 15) Return power to the machine and perform several test vends to ensure proper operation.



Part number for 3/8 oz Lubriplate Grease Tube from Crane is 80340008.
Contact our Parts Order entry Team for pricing & ordering at 803-266-5001 then press 3.