

# MPL Innovations, Inc.

## SolidStick Applicator Installation & Adjustment Guide

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Loosen adjustment bolt (or bolts) to position lube stick directly into the throat of the wheel flange. The lube stick can ride slightly on the tread of the wheel to prevent flange override. NOTE: It is very important that brakes be applied during applicator adjustment. This will ensure the full travel of the wheel is realized, preventing interference during braking.



Using the MPL applicator alignment tool, adjustment the distance for MPL magazines from tread of wheel:

- MPL 5000 for EMD and GE type locomotives with pedestal type trucks is 1/2"
- MPL 7000 for SD-70 radial truck locomotives is 7/8"



Insert alignment tool between the wheel tread and magazine as shown in picture.



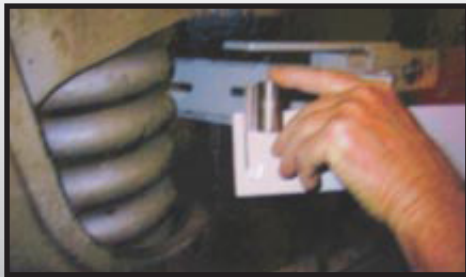
Use the shorter MPL #19 stick (8.5") as needed to maintain continuous lubrication.

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## *Incorrect Procedures*



Neither the applicator nor the lube stick is to be positioned outside the flange of the wheel. This will cause the lube stick to override the flange and prevent proper lubrication.

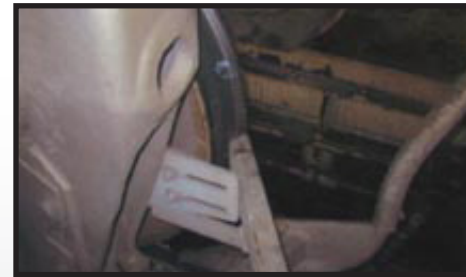


Springs are installed incorrectly when they are in front of the spring groove.



When the Lanyard and Slide Ring are on the bottom of the applicator, the Slide is installed upside down. It should be replaced with a Slide from the opposite side of the locomotive.

## *Correct Procedures*



Once the lube stick and applicator are aligned within the flange / tread area, proper lubrication will be distributed evenly throughout the contact zone Re-tighten bolts to desired torque specifications.



Springs are properly installed when they are behind the spring groove.



Pin, Lanyard, and Slide Ring are on the top side of the applicator when properly installed.