

**Ricoh\* D137/D138 Drawer Failure Prevention & Repair: Belt Tensioner Installation**

OEM: D1367543

NATT: 02042007

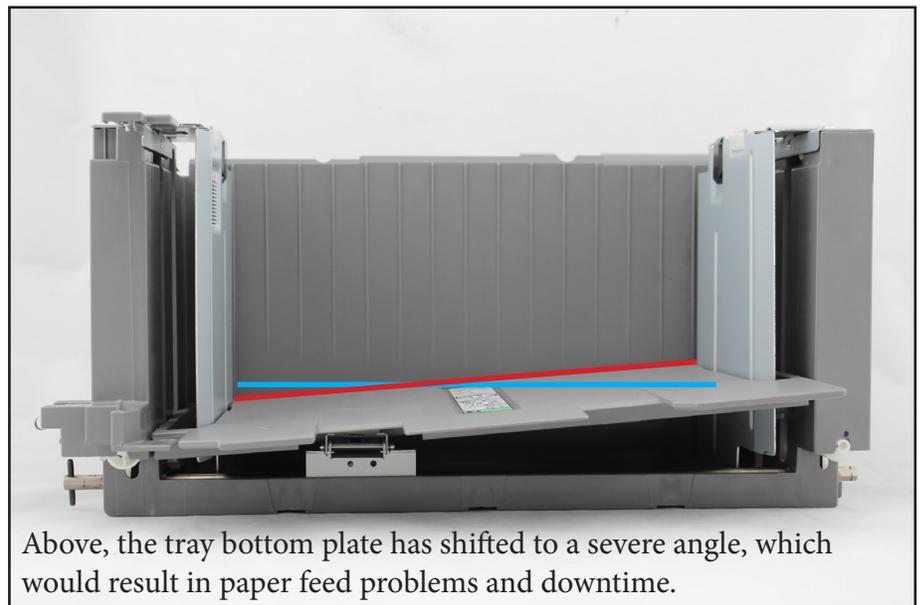
MODELS: PRO C5100S/PRO C5110S/ MP C6502SP/ MP C8002SP

**PROBLEM:** If a bottom tray plate is slanted, it is likely the belt that sets the tray bottom plate height has lost elasticity from premature wear and slipped off the corresponding tooth on the gear. This is often observed early in the life of the belt. Various methods to address this issue, such as adjusting or replacing the belt or even the entire drawer, have not been successful because the replacement OEM belts are also prone to the same failure.

**RICOH** has acknowledged this issue in "Bulletin Number: D135/D136/D137/D138 - 145," however, Ricoh recommends removing the timing belt holder and repositioning the belt on the gear. This solution does nothing to address the root cause of the issue and may result in unnecessary future service calls.



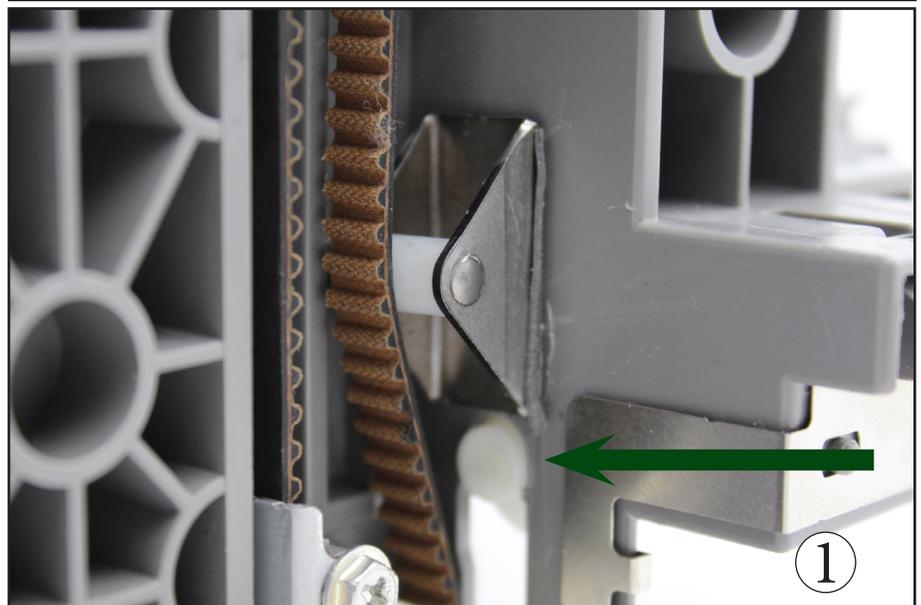
**SOLUTION:** Installing this belt tensioner, available exclusively from NA Trading and Technology, in your D137/D138 drawers will keep the belt tight against the gear. This will result in a belt that won't slip and the elimination of a preventable service call.



Above, the tray bottom plate has shifted to a severe angle, which would result in paper feed problems and downtime.

**INSTALLATION INSTRUCTIONS**

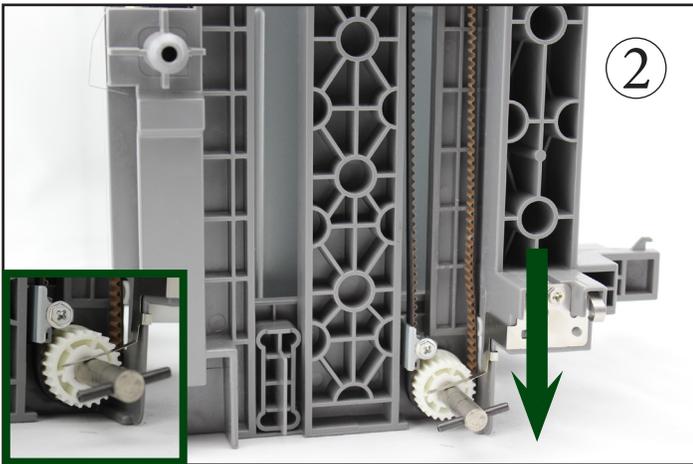
**PREPARATION:** Position your tray bottom plate on a level surface. The tensioner will be positioned just above the white wheel axle so it presses against the belt (see figure 1). Prepare the area by using a shop towel to wipe away any dust or grime.



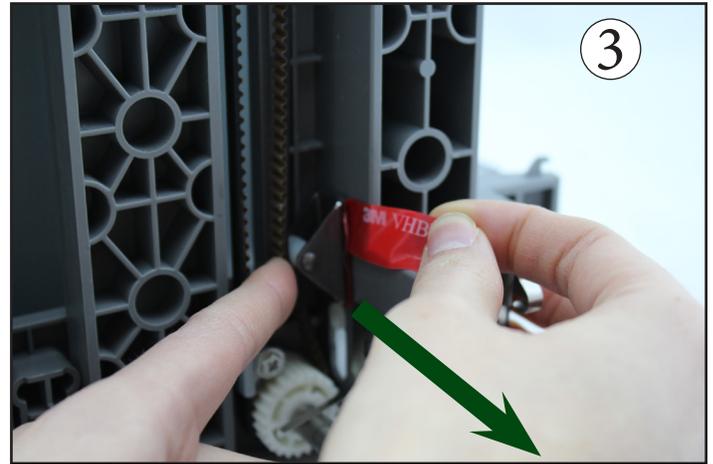
**INSTALLATION INSTRUCTIONS CONTINUE ON REVERSE**

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# INSTALLATION INSTRUCTIONS

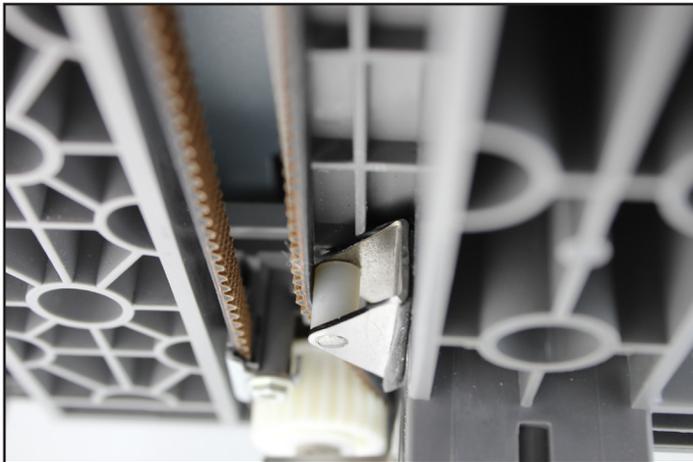


Use the rear shaft (see figure 2—detail) to set the tray bottom plate height to its lowest possible position and ensure it is level.

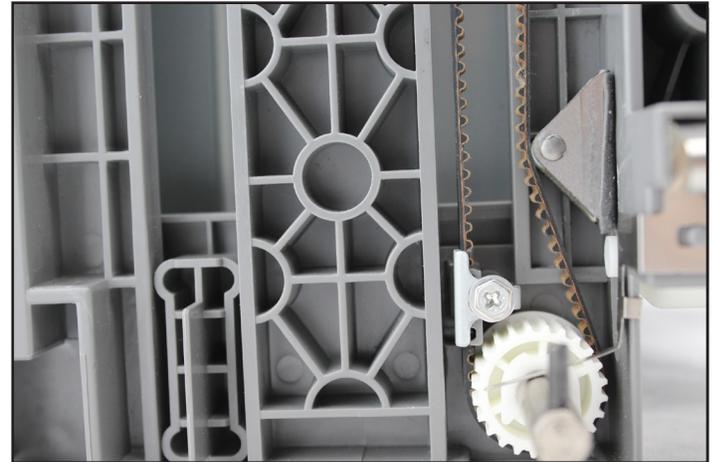


With the rear of the tensioner facing you, peel back the upper right corner of the red release liner. While holding the liner and tensioner in place, gently affix the exposed adhesive to the drawer. Remove the liner by pulling down and away (see figure 3). Hold the tensioner in place for 30 seconds.

The properly installed belt tensioner from NA Trading and Technology will result in secure contact between belt and gear, so you'll minimize feed errors and unnecessary service calls.



Assembly with properly installed belt tensioner, as viewed from above.



Assembly with properly installed belt tensioner.



To learn more about **NA Trading and Technology** and our entire **Ricoh** product line, contact a product specialist or visit us online today.

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