

Public Notice to Owners of YAMAHA CL/Cli feeder**Maintenance for the shutter part of the Tape Guide of YAMAHA CL/Cli feeder)**

Dear Customers,

Thank you very much for your continued interest in YAMAHA Products.

Since April 2006, the mechanism of the shutter part of CL/Cli feeder has been changed from the "Riveted type" to the "Nut and screw type" which can be disassembled and replaced as an individual part (See Figure 1), for the purpose of reducing the parts replacement cost and easier maintenance.

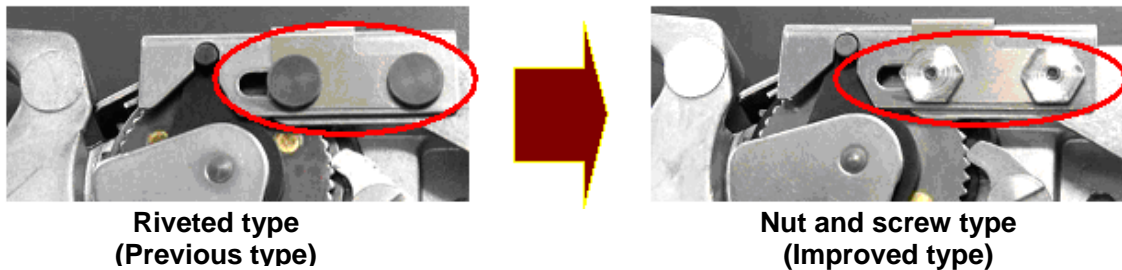


Figure 1 The mechanism of the shutter part of CL/Cli feeder has been changed

However, YAMAHA found out that the screw (SCREW, FLAT HEAD/ K87-M111P-00X) may come loose if a strong impact is applied to it when detaching and attaching the feeder or replacing the reel. However, it does not come loose due to the normal operation of the feeder. In case the problem occurs, please apply threadlocker to the screw part according to the instruction below.

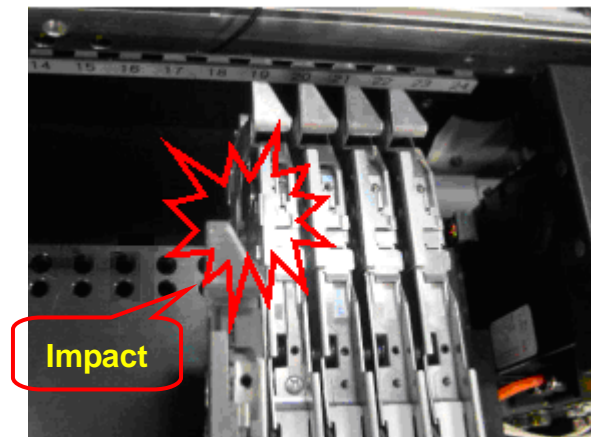


Figure 2 The possible cause of the problem

Moreover, in order to avoid the above-mentioned problem, please apply threadlocker (high strength type) to the screw part. We have confirmed that application of threadlocker decreases the symptom without affecting the function of the feeder. Please make sure to check the looseness of the screw and perform maintenance on a regular basis.

We regret the inconvenience this may cause you and appreciate your kind cooperation.

The procedure for retightening the shutter part of the Tape Guide Assy. of CL type feeder

1. Loosen the fixing screw of the Tape Guide Assy.
 - 1) Tilt up the tape guide and lock it.
 - 2) Loosen the shutter guide pin (KW1-M1144-01X / KW1-M2244-01X) with a screw wrench (7mm).

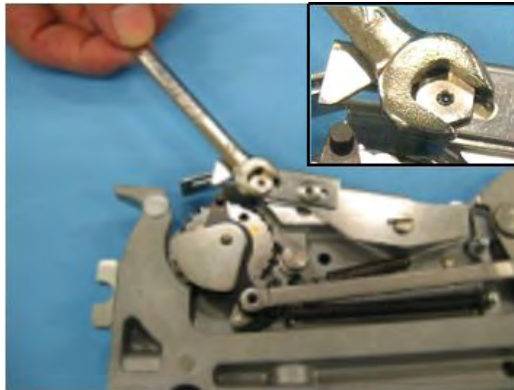


Figure 3

- 3) Loosen the screw (SCREW, FLAT HEAD / K87-M111P-00X) attached to the opposite side of the surface where the screw wrench is set with a Phillips-head screwdriver (No.0). Leave the bottom part of the screw inserted in the shutter guide pin. (not completely unscrewed)

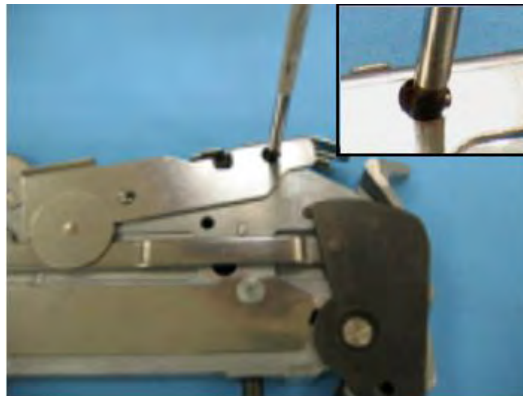


Figure 4

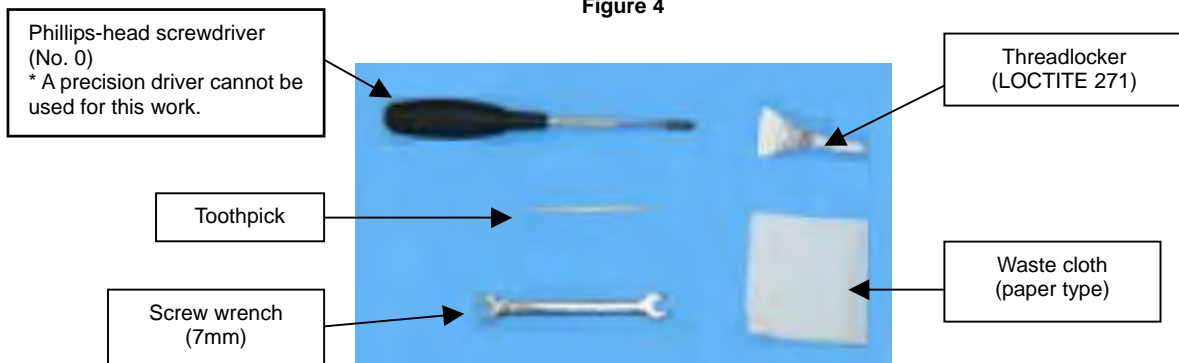


Figure 5

2. Apply threadlocker. (Recommended product: High strength type, LOCTITE 271)
Fill the threaded hole of the shutter guide pin with threadlocker from the side where the screw wrench is set as shown in Figure 6.

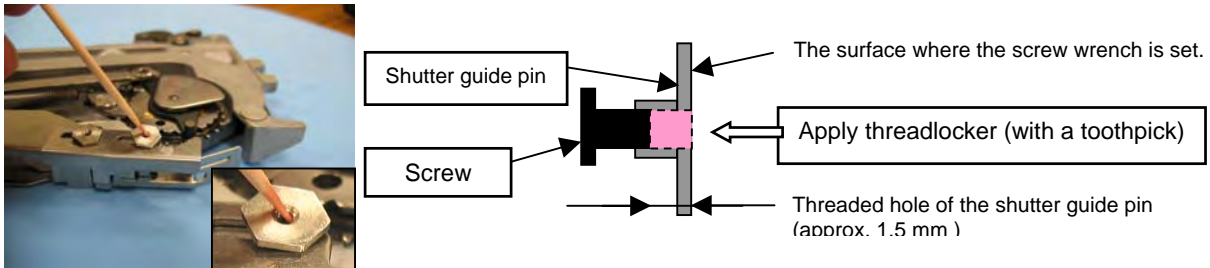


Figure 6 Shutter guide pin

3. Tighten the fixing screw of the Tape Guide Assy.
 - 1) Set the screw wrench (7mm) so that the shutter guide pins are located parallel to the tape guide as shown in Figure 7.
Then set the Phillips-head screwdriver (No.0) to the screw and tighten it firmly.
(* Turn the screwdriver blade until it stops, then rotate it again about 45 degrees from that point. Proper torques: 0.3-0.4 Nm.)
 - 2) Clean the excess threadlocker pushed out on the surface of the shutter guide pin where the screw wrench is set with a waste cloth.
 - 3) Unlock the tape guide.

Caution:

1. Please make sure to clean the excess threadlocker. The cured threadlocker may cause malfunction of the feeder.
2. Please do not use the feeder within 12 hours after threadlocker is applied as it takes 12 hours for the threadlocker to cure.



Figure 7 The lateral side of the tape guide

4. Apply turbine oil to the sliding part of the tape guide

Apply a small portion of turbine oil (VG32) to the sliding part of the tape guide if needed, then clean the excess oil with the waste cloth.

5. Spare parts number

Part number	Part name
KW1-M1144-01X	SHUTTER GUIDE PIN (For CL 8mm feeder)
KW1-M2244-01X	SHUTTER GUIDE PIN (For CL 12mm,16mm feeder)
K87-M111P-00X	SCREW, FLAT HEAD (For CL 8mm, 12mm, 16mm)