Releasing the Production Hub Carriage Brake

Product

ThermoFlex Wide II sleeve capable device

Background

If the brake release mechanism on the production hub carriage fails, it would be impossible to move the carriage in either direction.

Solution

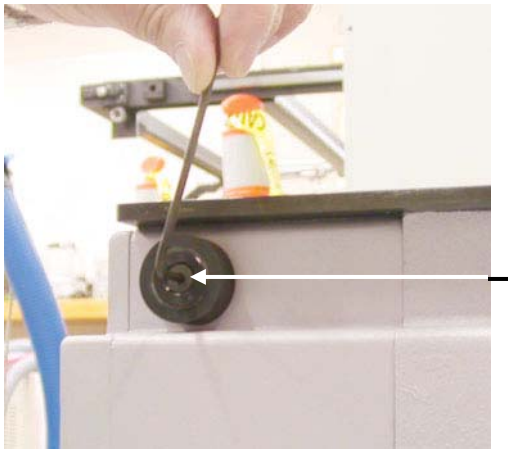
Release the carriage brake release mechanism so that the carriage can be removed from the production hub arm and the brake mechanism repaired.

Tools required

- Large flat bladed screw driver
- 3 mm hexagonal wrench

Procedure

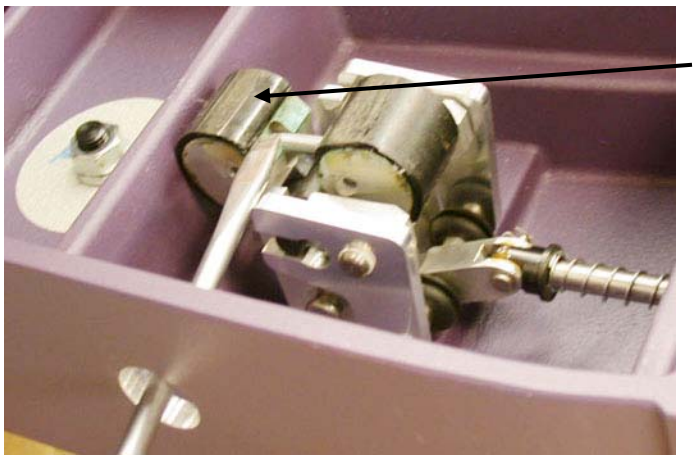
1. On the production hub arm, remove the M4 flat head machine screw that holds the bumper support and bumper in place. Repeat the operation for the bumper support on the other side of the arm.



2. Using a large flat screwdriver, remove the black plastic plug on the side of the production hub carriage. The carriage would normally be mounted on the production hub arm, but for explanation purposes the carriage is shown removed from the arm and turned up side down.



3. Push the screwdriver through the exposed hole on the side of the carriage. Force the most forward rubberized brake pad toward the front of the carriage. While continuously holding the brake pad in this position, completely push the carriage of the end of the production hub arm and remove the carriage completely.



4. Repair the brake mechanism.
5. Slide the carriage (handle side first) onto the production hub arm. When sliding the carriage on, you must pull the auto-locking wheel handle on the underside of the carriage. Once the carriage is on the arm, you can release the handle.

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Date submitted	09 Jun 2005
Last updated	10 Jun 2005