Replacing the Carriage Brake

Applies to

☑ ThermoFlex Wide II sleeve capable devices

☑ Production Hub

Background

The carriage brake is located inside the production hub carriage. To gain access to the brake, you must remove the carriage from the production hub arm. If you are not sure how to remove and install the carriage, refer to the *Installation Procedure – Sleeve Options* document.

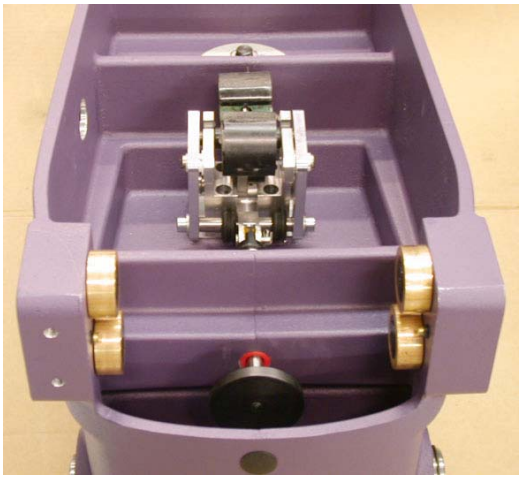
Tools and parts

- Brake assembly FRU (part # 500-00566A)
- 4 mm T handle hex wrench
- Loctite 242

Steps

To remove the carriage brake:

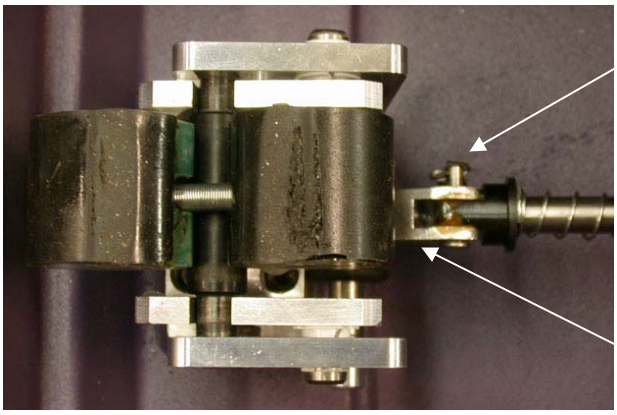
1. Remove the carriage from the production hub arm and lay it upside down on a suitable working surface that will not damage the carriage.



2. Using a 4 mm T handle hex wrench, remove the four socket head cap screws that attach the brake to the carriage. Spread the two rubber brake pads apart to get access to the screws.



3. Remove the cotter pin and push out the clevis pin from the drag link so that the brake assembly can be removed.



To install the new carriage brake:

4. Position the brake assembly such that the drag link is facing toward the brake release knob shaft and secure the brake assembly to the carriage with the four socket head cap screws—apply Loctite 242 to these screws.
5. Engage the drag link with the brake release knob shaft and insert the clevis pin and cotter pin.
6. Install the carriage onto the production hub arm.

See also	Installation Procedure – Sleeve options (see Installation page)
Technical contact	Dal Wagner
Date submitted	20 Aug 2004
Date modified	16 Sep 2004