

GF-SLIDER

Carriage Adjustment

Setting the tracking carriage bearings



MODEL
GF-Slider

PROCEDURE
Carriage Adjustment

DOCUMENT
GFM-TM-002

REVISION
2026-06

The tracking carriage runs on four bearings: two fixed lower ones and two spring-loaded upper ones. Only the upper pair is adjustable. Set it so both bearings touch the guide rail and keep turning as the carriage moves. The pressure against the rail is what you feel as running friction, so adjust it to taste.

YOU WILL NEED

**Hex key**

for the grub and adjustment screws

**G** Grub screws [2 top, 2 bottom] — limit restrictors**A** Adjustment screws [×4] — hold the upper bearings

01

Open the grub screws

Four grub screws [G], two at the top and two at the bottom, limit how far the spring-loaded adjusters can travel once the adjustment screws are locked off. Open all four by turning them anti-clockwise before you touch anything else.

02

Loosen the adjustment screws

Four adjustment screws [A] hold the upper tracking bearings in place. Loosen them a little and the springs push the bearings towards the rail. Once the bearings have moved, retighten the screws gently.

03

Check the bearing contact

Both upper bearings have to sit on the guide rail and turn while the carriage runs. Push the carriage along the rail and hold a finger against the left and the right outer bearing to feel whether they are really turning.

04

Lock the adjustment screws

Once the carriage runs the way you want, tighten all four adjustment screws [A] firmly.

05

Secure with the grub screws

Bring the four grub screws [G] back in, gently, until they hold the spring-loaded adjusters in position.

**Ready for use**

The upper bearings are set and locked. The carriage is ready to run.