Lens Carriage Roller Changing Process

Mercury III

Version: 1.0
May 20, 2014
Revision History:

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1. Dismount two screws on the top of lens carriage (see red circles below) and the lens carriage can loosen from X axis rail.

![Image of lens carriage with two screws on top highlighted]

2. On the front of lens carriage, there are four screws for x axis belt retainer (see red circles below. two screws on the right and two screws on the left). On the back of lens carriage, the location of the belt retainer can be seen. Loosen the belt retainer, the lens carriage can remove from x axis belt.

![Image of lens carriage with screws on front highlighted]
3. When mounting back the top rollers, the rollers and springs have to be correct sequence. After tighten the top rollers to the end, it needs to be loosen one circle back, otherwise the roller tension is too tight.