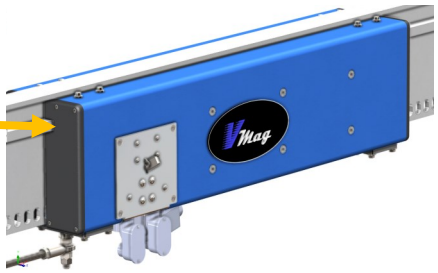
CAM ROLLER REPLACEMENT BOTTOM

In this example, we are going to replace the front left bottom cam roller.

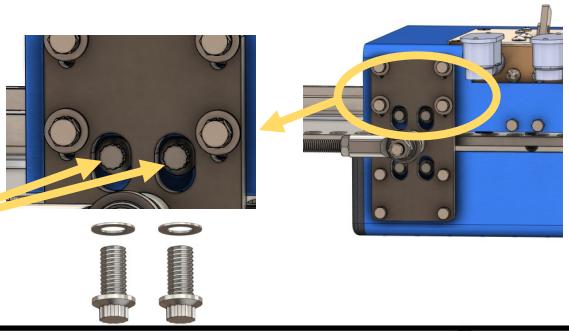
Tools Required
3/8” 12 point socket
socket wrench
3/16” Hex Wrench
5/32” hex wrench

TURN POWER OFF

Remove the front left end cap with the 5/32” hex wrench.

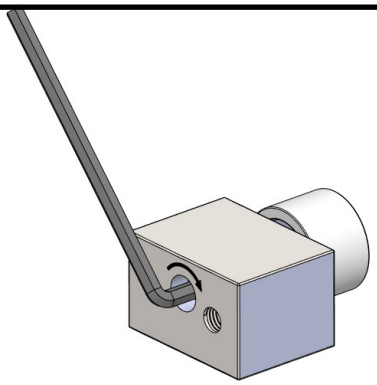


Remove the two 12 point bolts and washers underneath the cam roller to be replaced.



Using a 3/16” hex wrench, remove the old cam roller turning the wrench **clockwise**.

A dead blow hammer may be required to initially break the cam shaft free.

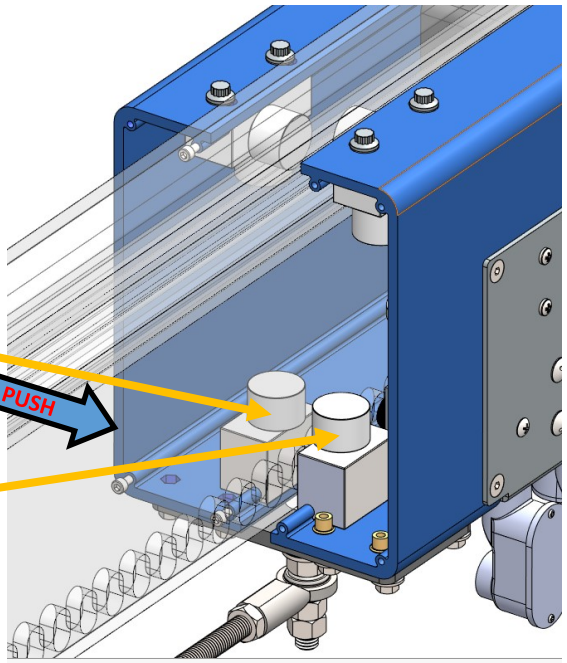


Apply a light coat of anti-seize to the cam roller threads (if not yet applied) Install the new cam roller and tighten securely.

Position the cam assembly back into the motor housing and install the two 12 point screws with washers. Do not tighten yet.

Remove the rear left end cap on the back motor assembly.

Push the lower area of the back motor toward the reaction fin until the bottom rear cam roller is touching the reaction fin.



Maintain pressure on the rear motor and push the new cam assembly until it is touching the reaction fin.

Tighten the 12 point bolts securely. Make sure that once tightened, both bottom left cam rollers are touching the reaction fin but not so tight that they can’t be turned with two fingers.

Replace end caps and test operation. Verify that the jitter count is close to 500 *(498-502 is acceptable).* Adjust if necessary as per the manual.