

Solenoid Operation

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One of the
Fwheels moving
(C102 or C400)

To keep the Upper and Lower Filter wheel in place when they are not moving a solenoid is used. This provides two advantages over a motor break. First, it allows you to move the filter wheels by hand for loading. It also puts less stress on the drive chain because the system is held at the filter wheel shaft which has a much larger moment of inertia compared to the motor shaft.

