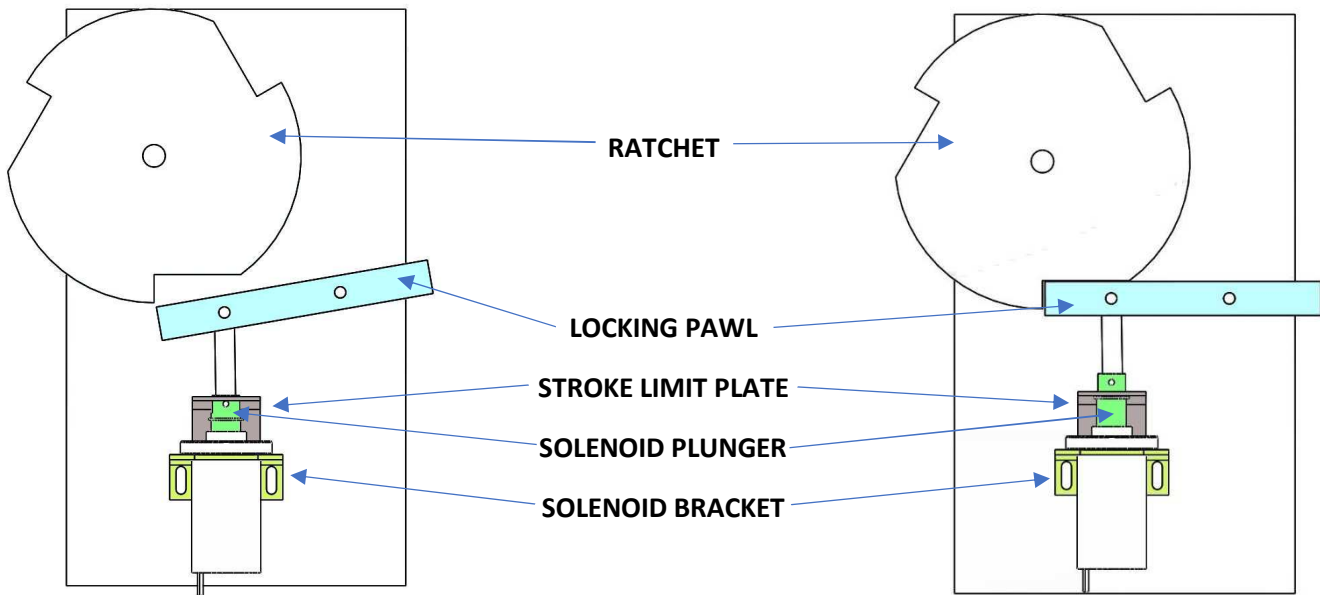


## SOLENOID CALIBRATION USING THE 2 BRACKET SYSTEM



These instructions are meant to be used in setting up a Tomsed and early Boon Edam THT-100 full height turnstile solenoid that uses the 2 bracket system. Later Boon Edam full height turnstiles are called a Turnlock and use a “U” shaped solenoid bracket.

- 1- Solenoid position** – With the solenoid plunger fully seated (pulled in), position the solenoid bracket so that the locking pawl clears the ratchet tooth and allows the turnstile to rotate.
- 2- Stroke Limit Plate position** – With the Stroke Limit Plate positioned under the Solenoid Bracket, position the Stroke Limit Plate to allow  $3/8''$  to  $5/16''$  travel forward of the Solenoid Plunger. The Locking Pawl should block the ratchet tooth preventing the turnstile from rotating. The Locking Pawl need not bottom-out in the ratchet tooth, only block it.