

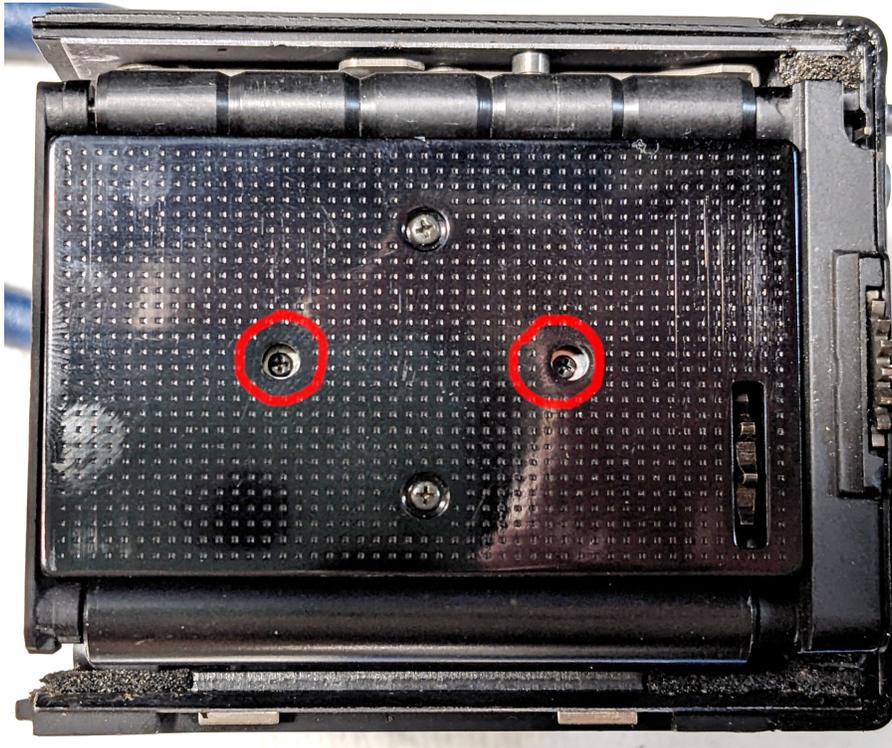
Bronica ETR 70mm Back: All-Perf Mod

Intro

This mod is made to the film advance sprocket wheel, permanently altering it so that it is a rubber-surfaced wheel instead. This enables the back to utilize 70mm perforated film, 70mm unperforated film, and 65mm motion picture film.

Steps

1. Remove the pressure plate assembly by removing the two screws circled below:



2. Remove the sprocket wheel by removing its centered brass screw. *This screw is counter-threaded, so clockwise loosens it and counter-clockwise tightens it.*



3. Use a bench grinder (best), rotary tool with grinding or cut-off bit, or diamond file to grind off all sprocket teeth. The goal is to produce a round wheel with no protrusions.



4. Press fit the Mercury plastic ring around the wheel. If it doesn't fit, grind a bit more off the wheel until it does. If it ends up fitting too loosely, fill any gaps with glue. Otherwise, no glue is necessary: ideally this should be a tight friction fit.



5. Use E6000 glue, applied in a circle around the outer edge of the black plastic. Apply evenly and slowly. It is recommended to apply in two coats. The goal is to end up with a ring of glue about 0.7mm thick, evenly around the plastic:



6. Re-insert the wheel in the back, securing it with the brass screw (remember: it tightens when turned *counter-clockwise*).

7. Replace the pressure plate assembly.



Congratulations! Your back can now accept 65mm film and all types of 70mm film!