

Shifter pawl left

The pawl is the sear that ratchets the plate.

34477-53
1952-1971

34476-72(2)
1972-1984

The left and right
pawls are the identical
part in the 1972 and
later design, just
flipped around.



The Iron Sportster trap door assembly holds the mainshaft, countershaft, and shifter mechanism.



The Iron Sportster shifter comes as the 34009-52 assembly.

34477-53
1952-1971

The little slot picks up a pin so this pawl does not rotate. A spring fits inside to press it against the cam plate.



Another view.

34476-72(2)
1972-1984

These are the pawls from the earlier 1972 design.



The pawl above is from later production of the part. It has much more metal where the spring attaches.



The later production pawls, there are two used.

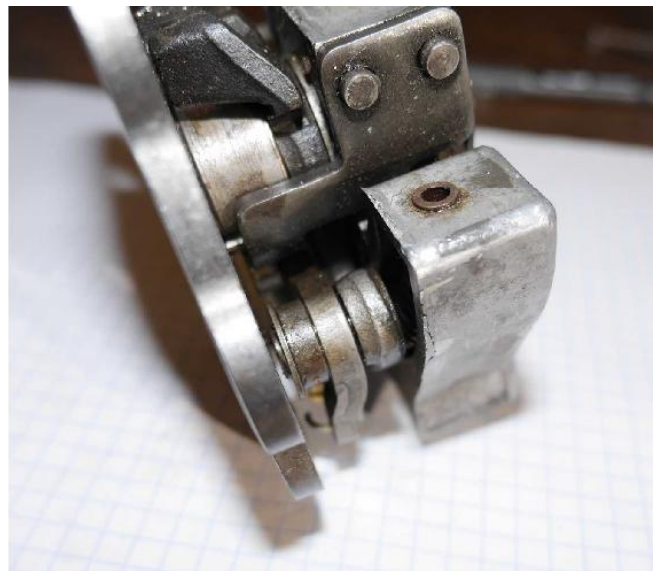


Here is the backside of the late-model shifter pawls.



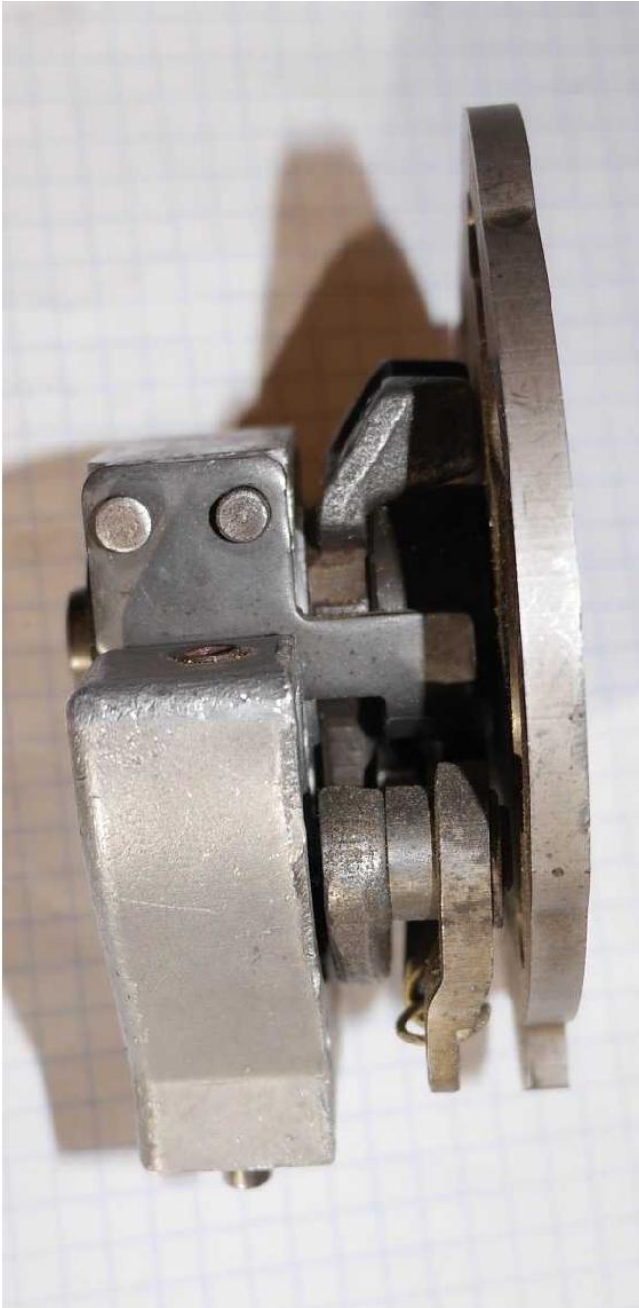
All four pawls set together for comparison.

Assembly views



This earlier -72 part has smaller diameters of the "hooks".

Assemblies (cont)



This later version has larger-diameter material on the hooks where they mount to the carrier.