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Subject: Re: The caliber 411

Posted by [MikeTheWatchGuy](#) on Tue, 07 Jul 2015 14:30:44 GMT

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I found an interesting "Glue-in" entry for the 410 that was glued into a copy of the 1939 catalog. It's the only movement information block in a Gruen catalog that has the 410 by itself. It shows that Gruen did mail out updates to the catalogs over time as there is no catalog that this 410 only block could have been cut from to glue into the 1939 catalog. Surprised we don't run into more of these updated catalogs. Perhaps you had to write to Gruen to get them rather than Gruen mailing them out automatically.

This is the glued in entry from the 1939 catalog

All of the other catalogs show the 410 and 420 movements together. This one is from the 1945 catalog.

As pointed out by Gary and Jack, they state here that the curved models have a different cannon pinion, center wheel and hour wheel than the flat version. I would like to measure the cannon pinion and hour wheel to see if they are taller as I suspect they would need to be. Gary's photos with dials on the movements demonstrates why they would need to be longer; there's a larger gap between the dial and movement on the curved model.

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### File Attachments

1) [Gruen 410 420 caliber from 1945.jpg](#), downloaded 1048 times

10 $\frac{1}{2}$ '''

**No. 410-411  
410SS-411SS**

11 $\frac{1}{2}$ '''

**420-421  
420SS-421SS**



**Nos. 410-420** — 17 jewels (*capped escape wheel with conical pivots*)

**Nos. 411-421** — 15 jewels (*straight escape wheel pivots*)

All models have 2 sizes stems, detents and screws and intermediate bridges.

<b>Nos. 410SS-420SS</b> —17 jewels	} Sweep-second movements requiring sweep-second wheel and pinion
<b>Nos. 411SS-421SS</b> —15 jewels	

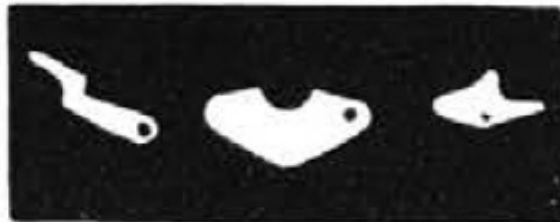
**Nos. 410SS, 411SS, 420SS and 421SS** have center and third wheel and cannon pinion different than regular movements.

Made in both flat and curved models. No. 410-411 *curved* has identical parts as No. 405-406. Model No. 410-411 *flat* is same with the exception of center wheel, cannon pinion and hour wheel.

2) [Gruen 410 Caliber from 1939 glue-in.jpg](#), downloaded 1047 times

10 1/2'''

No. 410-411



No. 410 — 17 jewels (*capped escape wheel with conical pivots*)

No. 411 — 15 jewels (*straight escape wheel pivots*)

Made in both flat and curved models. No. 410-411 *curved* has identical parts as No. 405-406. Model No. 410-411 *flat* is same with the exception of center wheel, cannon pinion and hour wheel.