Subject: Calibre 705 and 704
Posted by Ephemerald on Sat, 19 Oct 2019 01:33:42 GMT
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No entries for this family of movements yet.
705.

10 1/2 lignes.

704.

10 1/2 lignes.

File Attachments

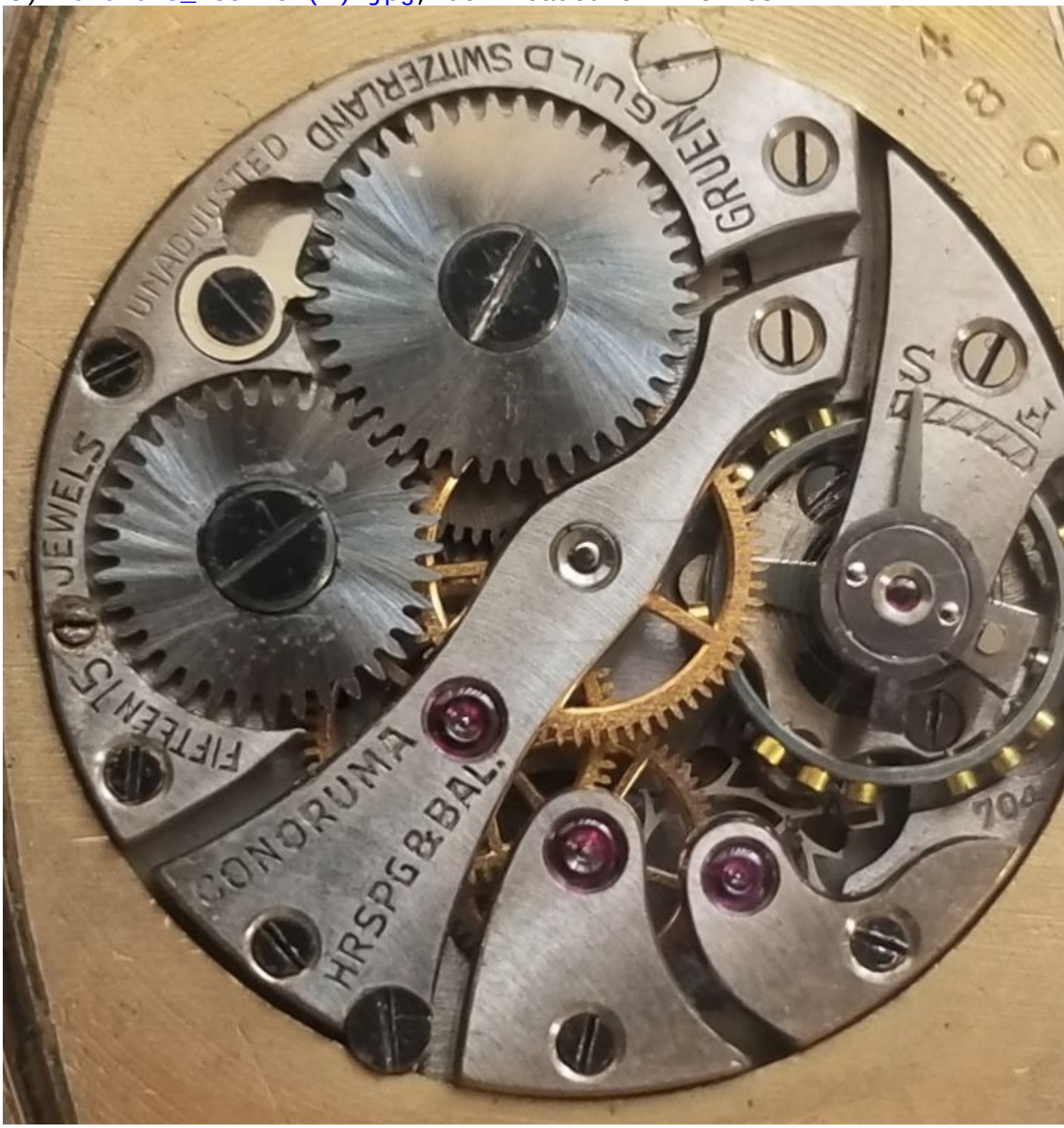
1) 20191018_165951.jpg, downloaded 3763 times

FIFTEEN
15JEWELS
TWO2ADJ.

2) 20191018_185047.jpg, downloaded 3691 times


11
12
10
GRUEN
8

3) 20191018_185418 (1).jpg, downloaded 3714 times



Subject: Re: Calibre 705 and 704

Posted by timeliz on Sat, 19 Oct 2019 01:50:42 GMT
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Yep, we've been very lax about filling in this section. That's why I started filling in some.

Here's the 7 jewel version cal 703:

also this 7j cal 700:

File Attachments

1) Gruen cal 703.jpg, downloaded 3318 times



2) Gruen cal 700 - 7j.jpg, downloaded 3354 times



Subject: Re: Calibre 705 and 704
Posted by Gary on Sat, 19 Oct 2019 04:23:42 GMT
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Nice! Look at naked bridge on that 700, :lol:

Subject: Re: Calibre 705 and 704
Posted by Ephemerald on Sat, 19 Oct 2019 04:34:35 GMT
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Thank you for your additions here, that is great!

As always it brings up questions for me. :?
In the material catalog it references cal 700 as 7j.
But there are easily found examples, one on ebay right now, of 15j cal 700.
Is this when they are transitioning from 15j 701 to 7j 700?
Does that make sense?
No worries if not sure, the Gruen mysteries abound...

Subject: Re: Calibre 705 and 704
Posted by timeliz on Sat, 19 Oct 2019 04:42:21 GMT
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Right!
Quality went right out the door on that one. :lol:

Subject: Re: Calibre 705 and 704
Posted by timeliz on Sat, 19 Oct 2019 04:46:31 GMT
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I think they had a bunch already stamped "700" and were using them up.

Subject: Re: Calibre 705 and 704
Posted by JackW on Sat, 19 Oct 2019 18:44:33 GMT
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Need to see the dial side on the movement, please.

Subject: Re: Calibre 705 and 704
Posted by JackW on Sun, 20 Dec 2020 23:31:04 GMT
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Here is dial side, since no one has posted it.

Bridge style between the 700 and 702 are different than the 703-705, but the keyless works are seemingly identical per the entry in the 1945 parts catalog

Of note, Barnett's Green Book indicates that these were introduced in 1939. Online he says 1935. I'd say closer to 1931 for the 700. These are not listed in the 1929/30 movement catalog so that is a lower bound if taken literally. Models with this base caliber start to show up in adverts about

1931/32. I think my movement is 1933/34 as that is the time it was 1st advertised as the 'Master' (Thanks Bernd for the ID).

File Attachments

1) 1945catalog.jpg, downloaded 3290 times

10½‴ No. 700-701-702-703-704 704SS-705-7057





No. 700* — 7 jewels } *straight escape*
No. 701 — 15 jewels } *wheel pivots*
No. 702 — 17 jewels *(capped escape wheel with conical pivots)*

No. 703 — 7 jewels
No. 704SS — 15 jewels
No. 704 — 15 jewels
No. 705† — 15 jewels
} *straight escape wheel pivots*

No. 7057 — 17 jewels *(capped escape wheel with conical pivots)*

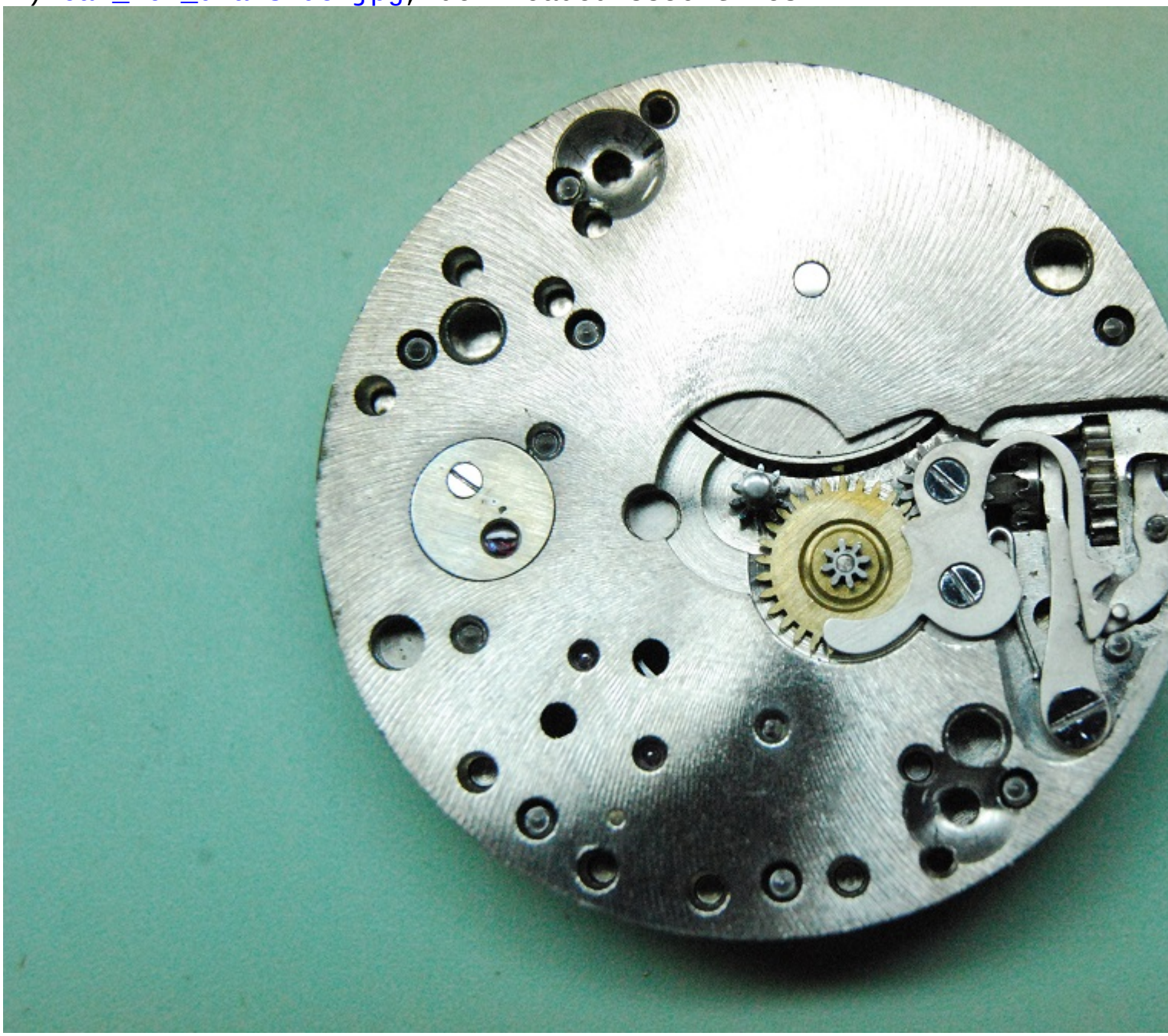
All have two different center wheels, some have 10 leaves, others 12 leaves.

* No. 700 has flat hairspring.

† No. 705 has different balance wheel and hairspring.

Sweep—second models have different center wheel, cannon pinion and hour wheel.

2) Cal_704_dialside.jpg, downloaded 3356 times



Subject: Re: Calibre 705 and 704
Posted by Case on Mon, 21 Dec 2020 03:26:55 GMT
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Hello, Jack! Great to hear from you! Good info, too.

I'm not sure which of the family came first. Most of my examples are 705. Wadsworth house 8mm nickel cases from 1930-32. They may have appeared as early as 1928 or 9. Here's my

earliest Gruen wadsworth 705 case: 5375963. It could still be later, as I believe the Gruen wadsworth numbers beyond 5.3mm stretched out longer than current theories. This one is marked unadjusted, while the earliest 8mm 705 nickels still have 2 adj.

File Attachments

1) 9A025EFA-808F-40C4-991A-A970B1F07425.jpeg, downloaded 3262 times



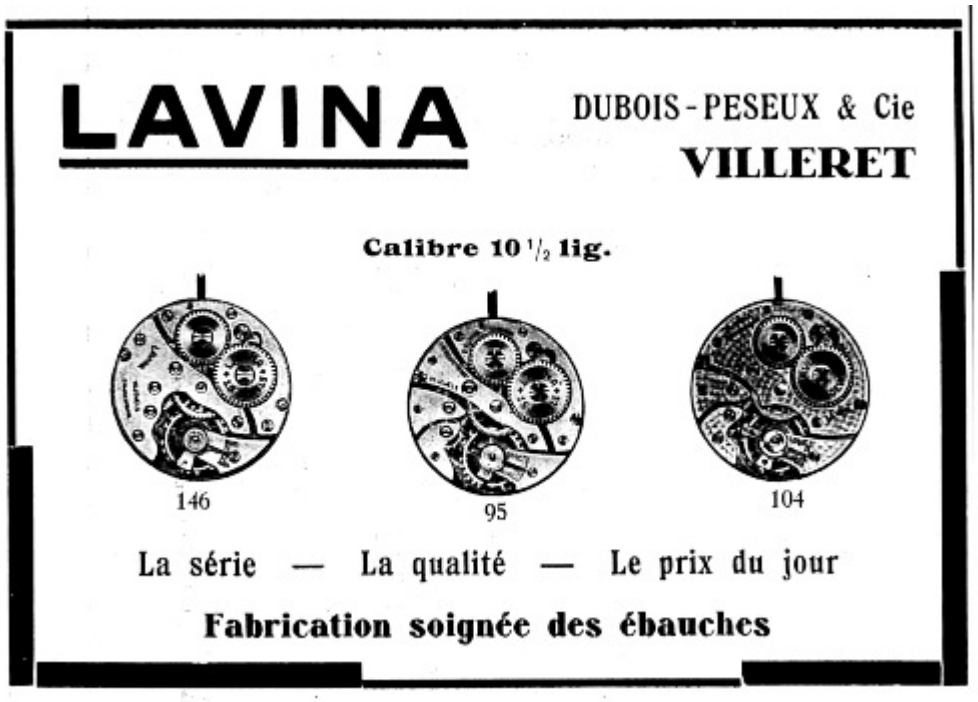
Subject: Re: Calibre 705 and 704
Posted by JackW on Mon, 21 Dec 2020 03:57:25 GMT
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Case wrote on Sun, 20 December 2020 20:26I'm not sure which of the family came first. Most of my examples are 705. Wadsworth house 8mm nickel cases from 1930-32.
Not sure what came first either. I think the 700 series was a response to the deepening depression to make an inexpensive watch... flat HS and 7 jewels, going up. What I have noted on timing is that some have 'Guild' some have 'Gruen Guild' and some (seemingly more recently) drop the 'Guild' marking. Some are marked with the hairspring material 'Conoruma' which I think you guys sussed out has a start date, and some are not marked.

Subject: Re: Calibre 705 and 704
Posted by Ephemerald on Mon, 04 Jan 2021 17:42:15 GMT
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For reference:.

File Attachments
1) Lavina_werbung_F.H._1._Mai_1935 (2).jpg, downloaded 3172 times

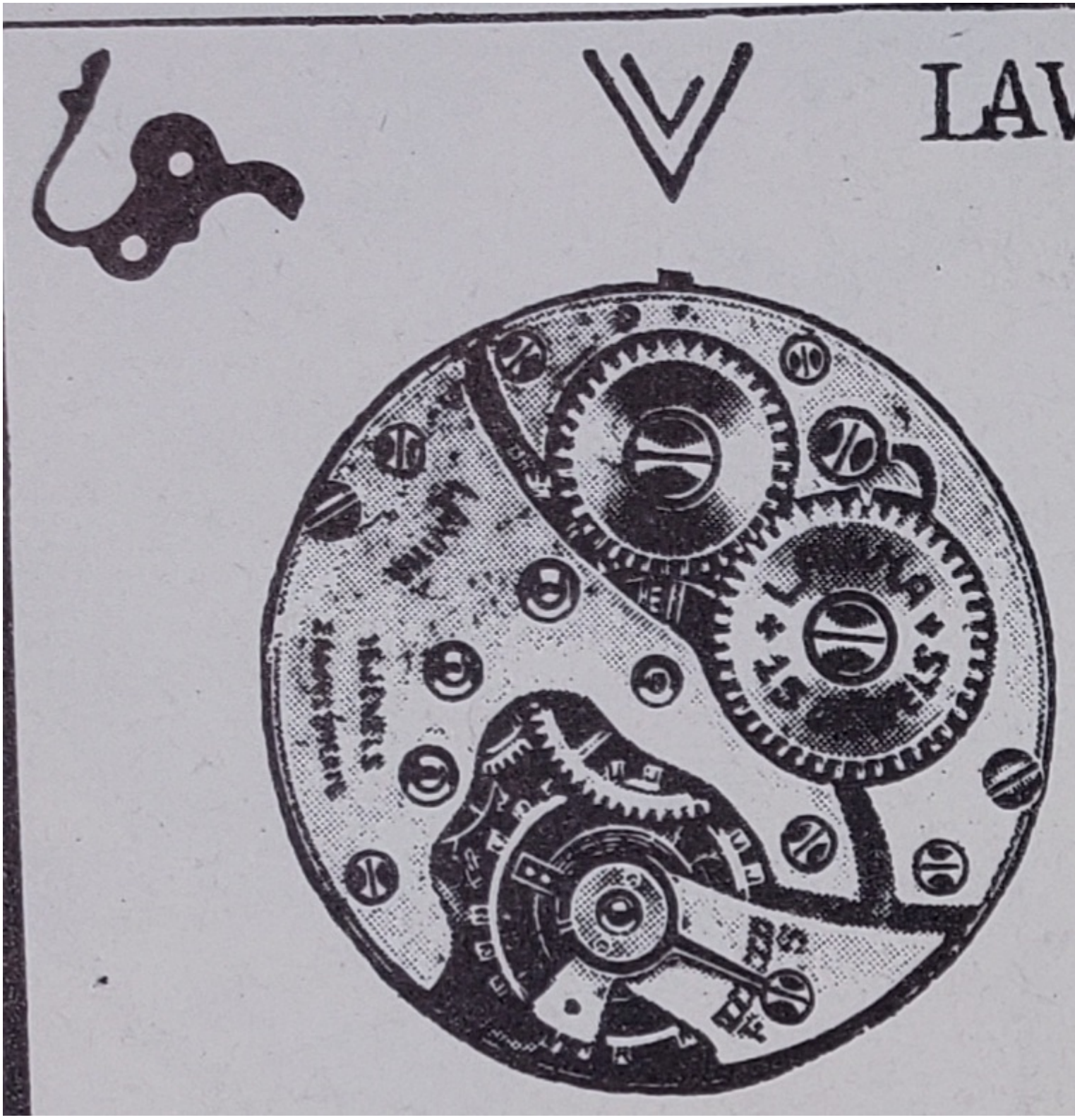


Subject: Re: Calibre 705 and 704
Posted by Ephemerald on Sun, 17 Jan 2021 20:27:09 GMT
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Here we go, a lot clearer reference. And shows relation to cal 707.

File Attachments

1) 20210116_130630.jpg, downloaded 3071 times


LAV