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**Full Review: Jr Aaron from dayacom/signature pen supply (featuring Toni's polymer clay)**

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Since this is a product review that will be of serious help to pen makers both current and future I do ask that everyone please read the full text before commenting.



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The [Jr Aaron](#) is manufactured by Dayacom and is sold in the US by Jon David Jones [Signature Pen Supply](#). I have several kits that came in this week and put one with [Toni's polymer clay tubes](#) for presentation.

The Aaron in all practical sense is built on the Gent Jr foundation, right down the to tube size and the bushing sizes. Even uses the exact same 18 TPI double lead cap thread size. ( x1.5 for those in the metric world). The screw threads form a 1 1/2 rotation to fully cap the pen and 1/2 rotation to post. The clip alignment points is when you start threading the cap align the clip down from the nib and it will be proper when it's tight. As some may not be aware there are 10 alignment points for a fountain pen and a few less (5 total) for a rollerball. Since this pen takes both nibs I would strongly urge everyone to adhere to the fountain pen alignment points.

- 1) nib to blank pattern
- 2) nib to clip when posted
- 3) nib to clip when capped
- 4) upper barrel pattern to lower barrel pattern when posted
- 5) upper barrel pattern to lower barrel pattern when capped
- 6) clip to upper and lower barrel pattern
- 7) finial pattern to nib
- 8) finial pattern to blank pattern
- 9) end cap pattern to nib
- 10) end cap pattern to blank pattern



Using this sound business logistic there is no need for new bushings or tubes for any pen turner who wants to give these kits a try, they fit right on the existing setup that is used. For the blank maker this makes things very simple and easier to work with.



What we see here is a new style of embellishment in the end cap and the finial. This is similar to the statesmen that many of us are familiar with already.



What we have here is a pen kit \*NOT\* made in china as we see with the new Gent Jr's coming out of CSUSA. They are made by Dayacom to a very high standard and done the proper way.

By 'proper' I am referring to many times pen makers want to have a rollerball and / or fountain pen with just swapping a part out. This kit features both nibs in one package (assuming you choose fountain pen at checkout). You also have the option of choosing just rollerball as well.



Some reference points:

#5 nibs: length: 2.5cm /shoulder width: 7mm /base width: 5mm /fits a 5mm feed

#5.5 nibs: length: 2.6cm /shoulder width: 7mm /base width: 5mm /fits a 5mm feed

#35 nibs (also known as #6): length: 3.5cm /shoulder width: 9mm /base width: 6.3mm /fits a 6.3mm feed

The nib itself is a #35 size (#6 by many in the pen kit community) made by Jowo and stamped with the Dayacom logo.

The next question that I wanted to answer because many are going to be asking is "How can the Gent Jr be used with a #6 nib?". For those of us that are deep into fountain pen usage and construction the answer is very simple. The black plastic coupler holds the key to the answer. The **new revised coupler** that Dayacom engineered is thinner on the non-threaded section and this allows clearance, note the above chart the #5.5 shows a shoulder width of 7mm, the #6 is 9mm. The thickness of the black plastic tube that is inserted into the cap is THINNER by approx 2mm to allow this room.

The second revision we see on this kit over the Gent Jr's is this. When you swap out the front end section from rollerball to fountain pen the **SPRING** in the end cap under **classic conditions MUST BE REMOVED**, however **this kit does \*NOT\***. The end cap is recessed to allow clearance for the international standard converter cartridges to safely be use with out causing an ink dump. This also does not impair rollerball function (contrary to many beliefs the spring is not needed for proper rollerball operations)

The other 'revision' is backwards compatibility (not really a revision) you can use the #5.5 front end sections from the Gent Jr on this kit as well. Versatility we have #5.5 nib, #35 nib (#6) and rollerball. This is broader than anything else out there and the only thing missing is pencil and ballpoint, possibly these will be future revisions.





Here we see various poses to show possibility matching and general flow of the trim. As for durability this is black Titanium. Black Titanium is a PVD process which stands for Physical Vapour Deposition. This is the same coating we see on TiN drill bits and it holds up very well to abuse, torture and stress in many things. Inside the chamber the air is removed creating a vacuum then a flow of ionized gasses such as Nitrogen and Argon is introduced to the chamber and sprayed on the surface which causes the the contact areas to heat up then deposition layers of titanium and color forming substances (for blue, black or rainbow effect) is flash evaporated and ionized by an electric arc. Then voltage is applied to accelerate the plasma cloud and a dense hard coating results. Since it is black titanium the process last for several hours and plating thicknesses of up to 12 microns can be obtained. Hardness range of 2,500 - 3,000 kg/mm2 Knoop is normal. this is equal to over 85RC, 3 times harder than chrome and harder than carbide material.

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