

(24 September 2008)

What you are looking at in the picture below is what happens when there is a significant design changes. The waxes of the pan, on the left, are now obsolete and cannot be used. They will be re-melted and used to make other molded parts. Unfortunately the cast aluminum pans, on the right, cannot be reused and are now scrap. Not only the pans but the waxes for the crankshafts (picture in the last update) are also going through a significant update. Although they could be used, the time that is needed to complete these crankshafts can be significantly reduced by making a new mold. The new cranks will look exactly the same but far less material will need to be removed to make a completed item. The current crankshafts will be finish ground and installed in the new blocks. Once again, I am always looking for new and innovative ways to reduce the time needed to manufacture all the parts. Sometimes it is as simple as making a new jig or modifying a CNC program. Other times an entire new mold, or molds are necessary. The end result is a better item.

Speaking of better items, I have spent the last week completely dismantling and reassembling the entire engine. Every part was removed and inspected. This was done as a final evaluation to check for areas that may need some further attention. It was also a way to make sure that all documentation was correct so that I can proceed with the final machining process. The last thing I want or need, is to have 50 blocks or 100 head that cannot be used. I can say with absolute conviction that I did not find any problem areas at this time. If you get a chance, go to [YOU TUBE](#), type in Stinger 609 and you will see the latest test running of the engine. You can also go back to my home page and click on the new video link. Things are going great, finally. The only down side is that an almost 7 additional months were spent to make the final changes. Thanks to everyone for being so patient.

The remainder of this week will be spent grinding crankshafts, with next week starting the machining process of the blocks.

