

Sediment Bowl Installation - by Tim Daley (MI)

If you have ever had to replace your sediment bowl on your N-Series Tractor, here is a helpful tip that a few members have recommended. Though originally the male thread that screws into the gas tank orifice did not have any type of sealant applied, sometimes the threads have been boogered up by cross-threading, attempts to re-tap with the wrong size tap, or, like what happened to me, I bought a cheapo replacement part with bad threads to begin with. When I rebuilt my '48 8N the sediment bowl was about the last item to install and I started to screw in the new part when I realized something was not right. I ended up using the original bowl base with parts from the new bulb, but I had some gas leakage around the inlet. So I used Teflon Tape to correct the problem. The issue with the tape is that it does not dissolve in gasoline and if a piece breaks off it could get through to the carburetor and once in there could cause you some real headaches, i.e. total carb removal and rebuild. Yes there is another screen in the carb inlet elbow that screws into the carb body and that is a pretty good safeguard for not allowing foreign particles into the main mix chamber. There is a product called GASOILA E-SEAL which is a paste type sealant and it is guaranteed to work where gas is used without any disintegration of the bonding material. Product claims specifically formulated for E10 and E85 applications. Temperature range is -100F to +600F; sets in 24 hrs; and withstands pressures of 10,000 PSI for fluids. 1-year shelf life from date of manufacture. I got a 1/4 pint can which would last a thousand lifetimes of bowl changes but it can be used on aluminum, brass, copper, iron, most plastics, stainless steel, and steel. It's also good for petroleum oil so usage on hydraulic fittings may be okay too. I have done away with the Teflon Tape though with this product you can use tape along with it. It can be found at plumbing supply houses, some bike repair shops, or order direct from the company from their web site. Here's their information and a picture of the can I have.

GASOILA E-SEAL and N-Series Tractor Sediment Bowl

GASOILA CHEMICALS
Federal Process Corporation
4620 Richmond Rd.
Cleveland, OH 44128
800-846-7325
www.gasoila.com



Also, never over tighten pipe threads like this as you will be looking for a new gas tank or trying to fix your mistake, not cheap. My bowl screws in approximately four turns. There is room for maybe another half turn but that would put the alignment of the fuel line and the knurled wheel that opens and closes the gas flow to the carburetor way off so I leave it at four and it works fine. If you don't have any thread sealant on it now and don't have any problems, don't fix it if it ain't broke. However if you experience some fuel leakage around the inlet, you might want to try this stuff.



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