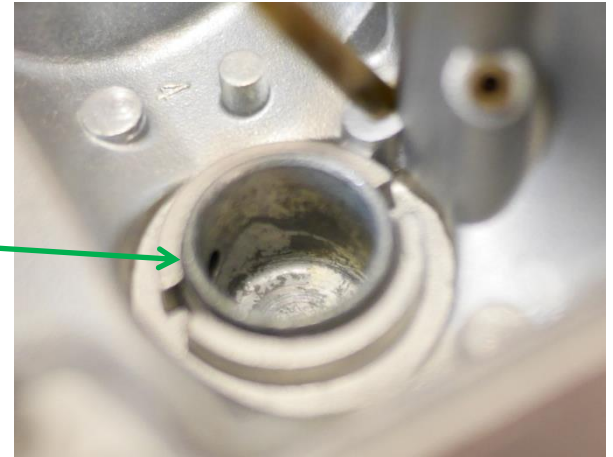
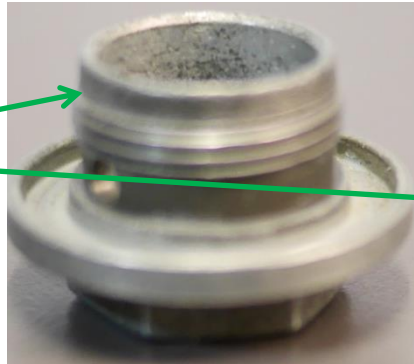
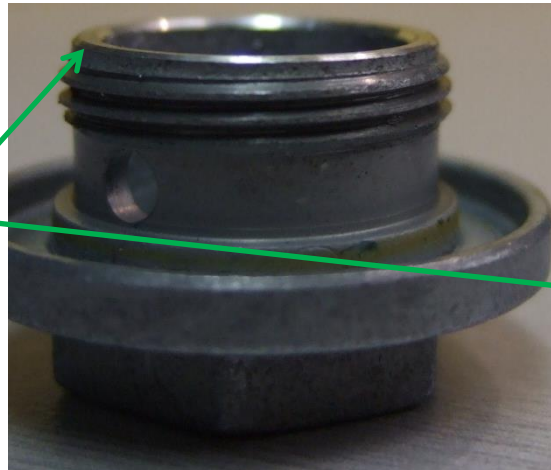


Keihin PWK28 – Float Bowl modifications

1. Removing protrusion
at top of drain plug

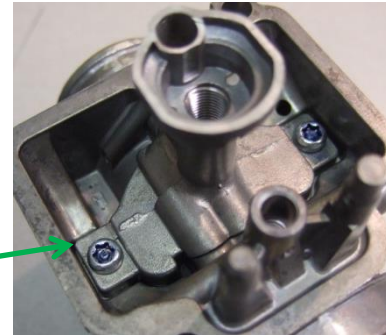


To check amount to machine
off - take out sealing o-ring and
fit plug to bowl. Looking for a
flush level with the boss in the
bottom of the bowl

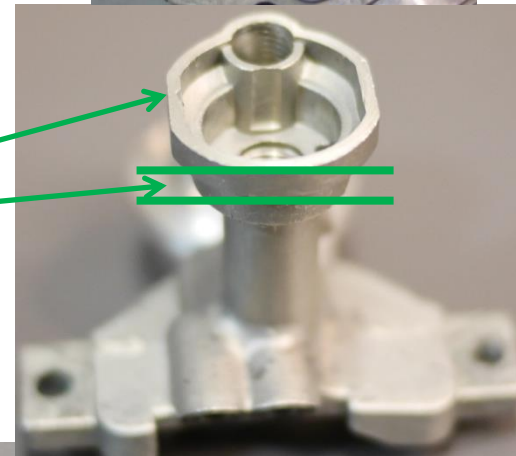


CAUTION CAUTION CAUTION This next bit can go seriously wrong it ideally requires delicate precision machining. If you can find a model maker or toolmaker to help , that's best.

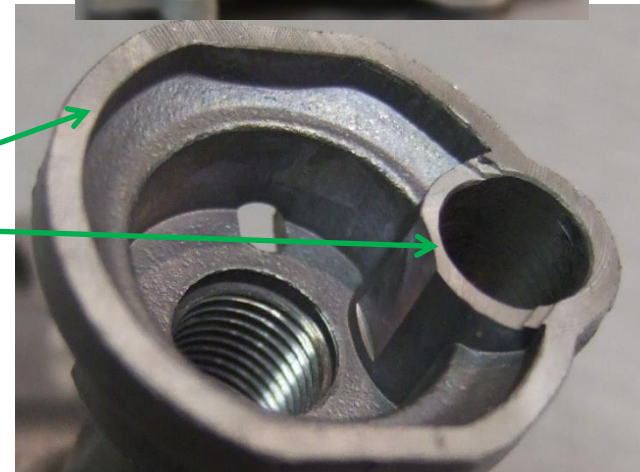
Strip out all the jets and remove lower main jet holder held in with security torx screws. Take care not to displace or damage the o-ring seals



2a. The aim here is to remove some of the height of the skirt. 1 – 1.5mm

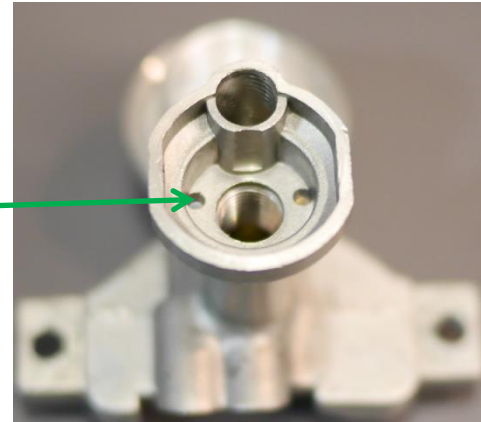


2b. Here you can see height reduced to about half what it is in above picture and the pilot jet tube relief added back in.

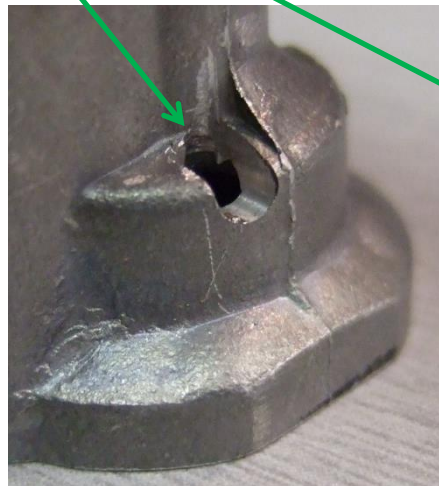


Keihin PWK28 – Float Bowl modifications

3. Here we are going to open up the vent holes to the main jet roof

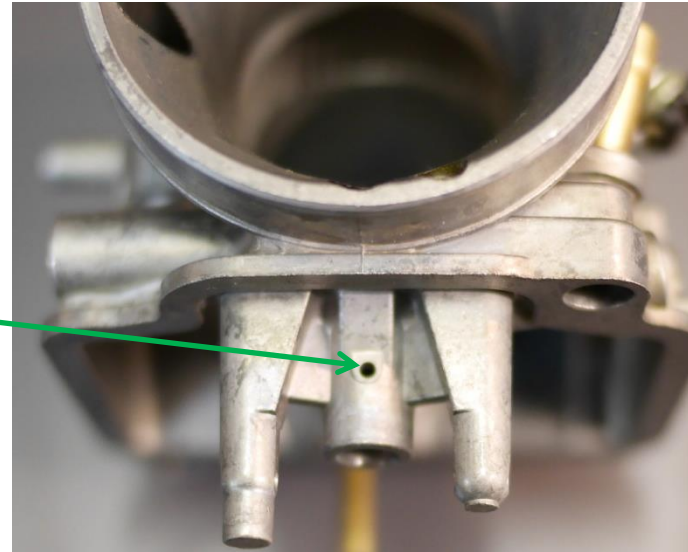


3a. Here the holes are opened out with a slot about twice the size of existing

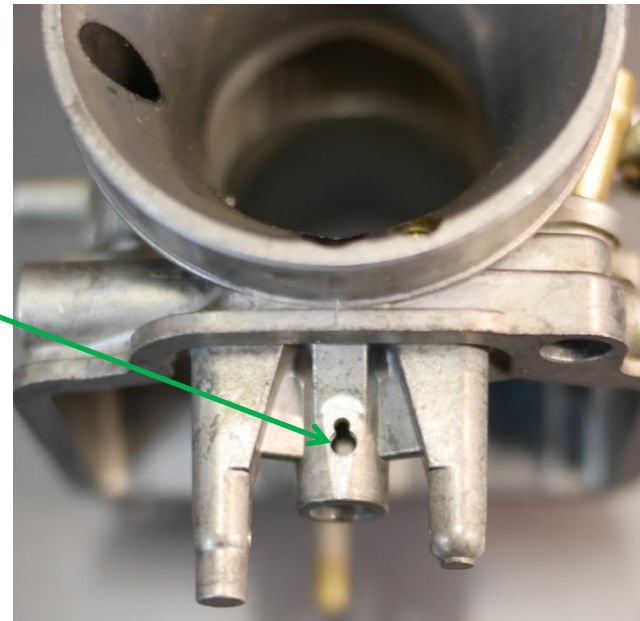


CAUTION CAUTION CAUTION This next bit can go seriously wrong too.

4. Here opening up the Float Valve Guide. The original small hole is very close to the seat of the valve.



4a. Introduce a larger hole and slot into existing . If brave do opposite side too. This is trying to reduce the risk of any differential pressure holding the valve open or closed.



5. Replacing the jet holder to the body. Have a look at the angled sealing faces and check for any burrs around the cross-drilled holes. If needed ever so carefully remove these burrs and sharp edges, do- not mark any of the sealing faces. Re-fit the screw's with a miniscule amount of threadlock and leave for 24 hrs so the threadlock goes off. If threadlock hasn't dried it will wash out and set in the most remote places.

