

Cleaning the Beta Evo Fuel Tap

What happens is that a bit of dirt gets trapped between or behind the rubber disc in the tap and causes the face to be uneven, then petrol drips from where the spindle comes out the tap. You can dismantle the tap on the bike but it is tricky as you have to align the parts and get the spring back in a restricted space. the easiest way is to remove the tap. You may have to do this a couple of times in a year, but you don't need a new tap!

To give more room, take off the front exhaust pipe then you have easy access to the tap from the exhaust side. Removing the carb may also give some more room.

Note the exact alignment of the tap so that you get it back in the same position for ease of operation when back on the bike.

The tap securing nut has right hand thread to the tank and left hand thread to the tap, but undoing it the normal way brings the tap out of the tank. Once undone ease the tap downwards and you'll start to see the white plastic filter which is part of the tap. Gently ease and twist the tap and filter out of the tank boss.

Get the thing on the bench on clean material, set the tap in the off (back) position (then you know the alignment of parts) and depending on the year undo the big nut around the spindle or the 2 screws holding the securing plate, the spindle can then be lifted out, watch out for the spring under the cover which gives the sealing force for the tap. As you remove the bits, set them in an organised manner for ease of assembly. Note the alignment of the valve for correct assembly. Carefully remove the rubber disc and thorough clean the tap before reassembly.

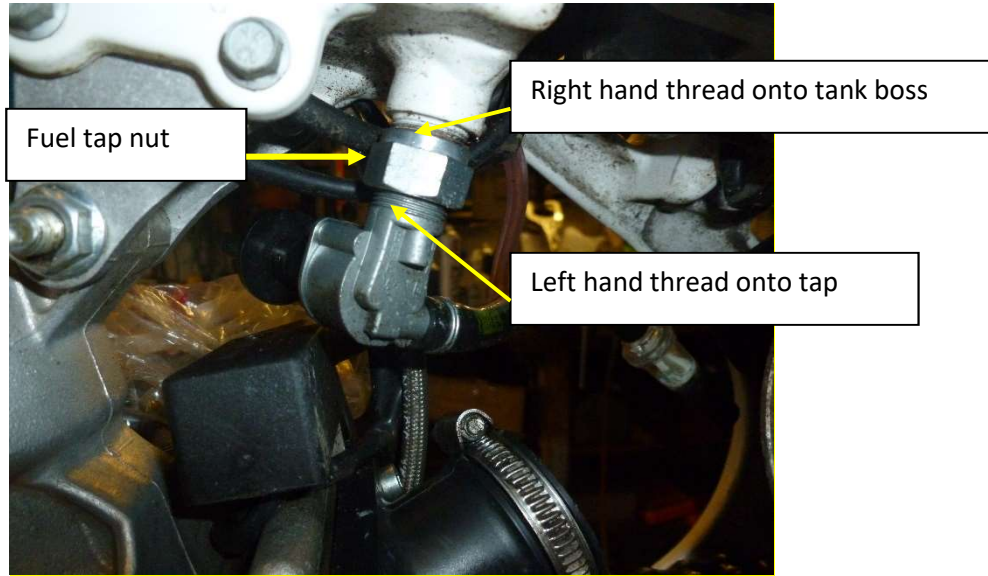
The tap shown in the picture has a cover held in place by two screws, but the alternative type has a hexagonal cover which is unscrewed to reveal the same internals.

After assembly, with the tap in the off (back) position you should not be able to blow through the tap from the fuel hose. If you turn 1/4 clockwise (up-on position) you get flow, and 1/4 turn further (forward- reserve position) you also get flow so you know the parts are assembly correctly.

Ease the filter back up into the tank twisting and pushing, Set the nut so that it is just started on the left hand thread of the tap, and just started on the right hand thread of the tank boss, then carefully screw it up clockwise - careful not to cross-thread. Align the tap for operating position and tighten the nut.

See pictures attached

Beta Evo Fuel Tap -cleaning



With tap in off (back) position

