



MT Riders Club forum



MT 350 CV Carb Mod

This Guide should help walk you through the modification of the CV carb



Tools / Parts List

Non Specialist Tools

Phillips Screwdriver

Drill

3.2mm drill bit

4 mm drill bit For deburing

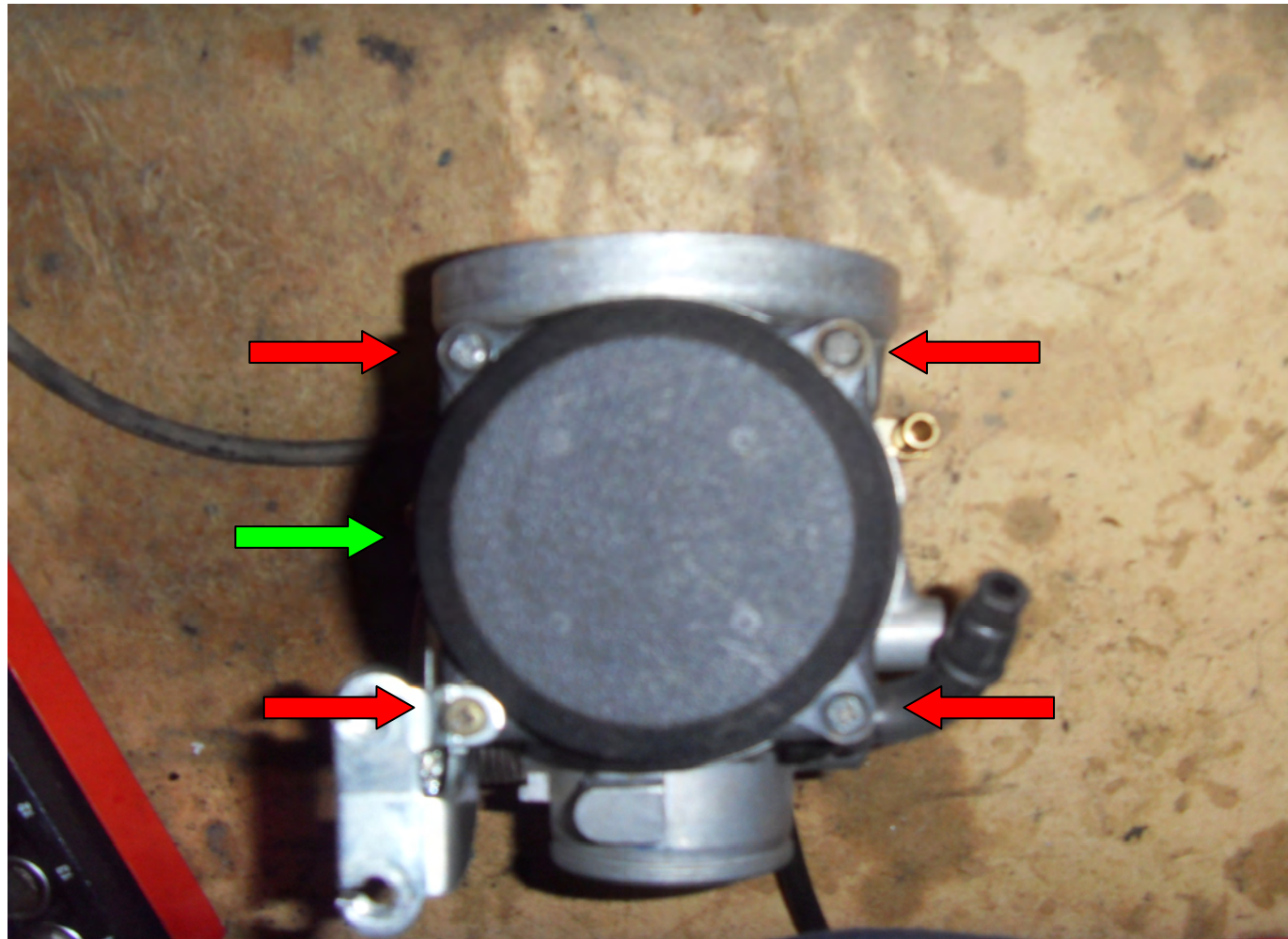
Specialist Tools

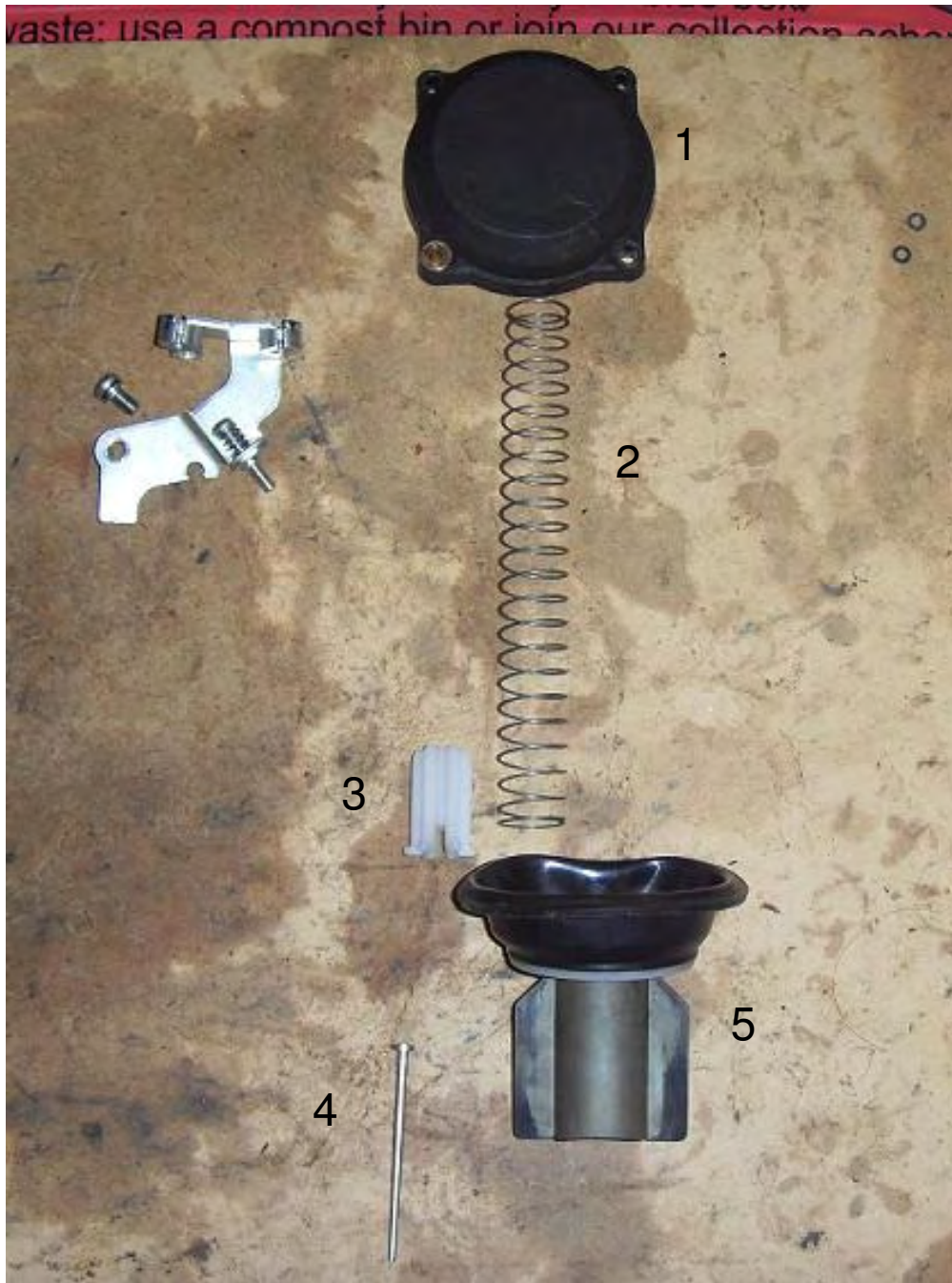
None

Parts List

Washers to space needle 1.5mm up

I have used a Carb that was not In a bike to show this mod but it can be done with it still in the bike you will need to remove the Seat to gain access to the four Phillips head M4 screws marked with red arrows. When you remove these screws take care as there is a spring below that will push against the top cover. The green arrow is pointing to an additional M5 Philips that I removed on the side of the carb this will help later in the mod





I have numbered each component as to the way they come out of the carb

This will help when you reassemble the carb

The silver Bracket to the left of the picture is the bracket you remove when you undo the M5 Phillips screw this will let the top cover come off without damaging the diaphragm

This is the diaphragm assembly that needs to be drilled out

I have marked the hole with an arrow to show the hole in question the documentation on this mod says 1/8 - 3.2mm but I have seen some people have drilled out to 3mm, I drilled this one out to 3.2mm then used a 4mm drill with my figures just to debur the hole on both sides.



Below is the standard needle and the washers that I used the mod recommends 1.5mm raise but I used 2x 0.65 mm washers giving me a 1.3mm lift as this is all I could find all you have to do at this point is carefully slide the washers onto the needle



With the hole drilled and the washers placed on the needle the carb can be put back together I changed the 4 M4 screws on the top of the carb to cap head bolts as the screws used are like monkey metal and round off on the phillips section of them

