

Instructions to change the acceleration pump jet of carburettor MIKUNI TDMR 38/40/41

1. Preliminary operations for an easy work:
 - a. Take apart carburettor air intake;
 - b. Lock the throttle in full open position;
 - c. For easier operation, remove the remote idle adjuster bracket;
 - d. Remember the pinhole position on the jet to be able to reposition the new jet; so as to better check this position, we recommend to fill the bowl with some fuel and rotate the wires pulley so as to look at the direction of fuel squeeze. Repeat this procedure after inserting the new jet.
2. Remove the acceleration pump jet hammering gently on a pin remover $\varnothing 2\text{mm}$ (see figure 1) against the jet head so as to extract it from the seat as shown in figure 2, until the ejection of the ball (keep it to close the jet seat) and fully eject the the old jet;

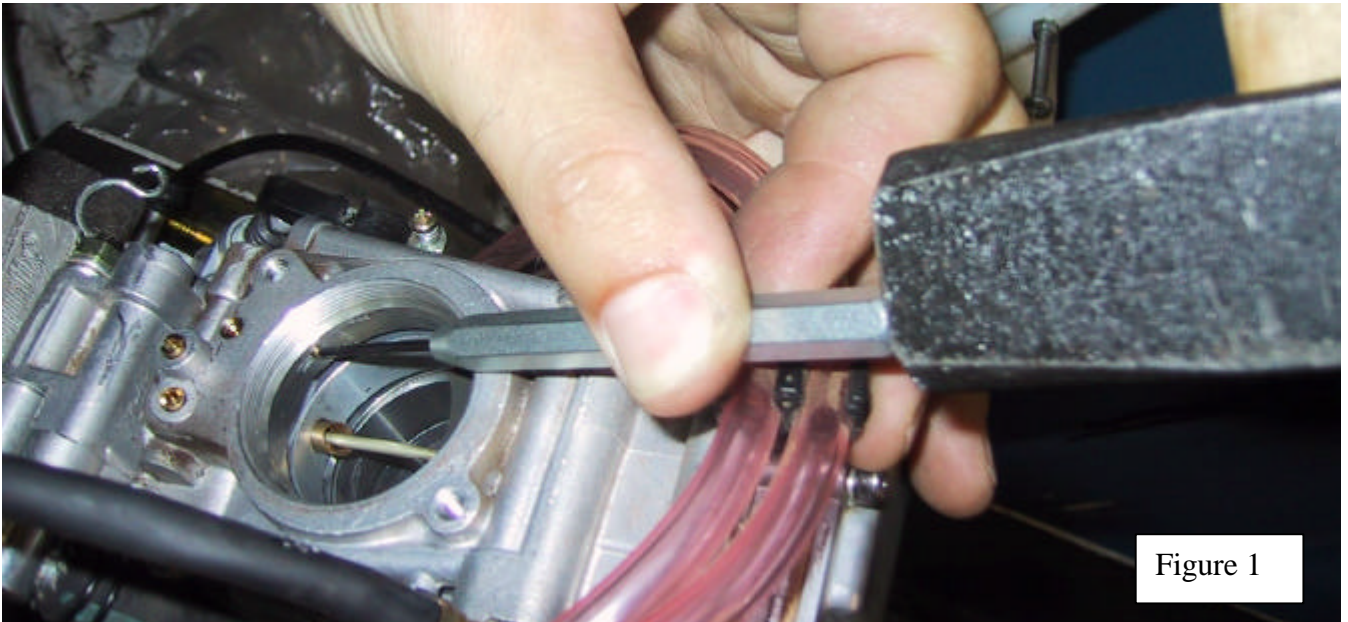


Figure 1

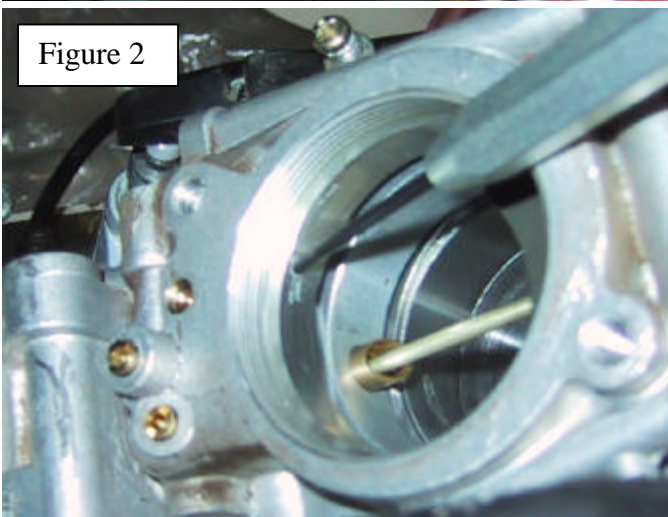


Figure 2

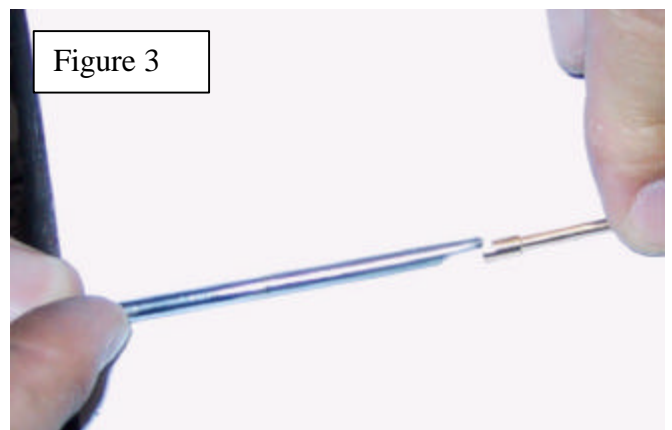


Figure 3

3. Insert the new jet (remember the position of the old one as told before at n. 1.d.), following these operations:
 - a. Insert almost completely the jet in its seat using a pin remover $\varnothing 4\text{mm}$ and hammering very gently;
 - b. Prepare a special screwdriver which can meet the jet slotted face while entering the jet' s seat (see figure 3);
 - c. Insert the tool so as to be able to turn the jet until it reaches the original position with the pinhole squeezing toward the center of inlet pipe;
 - d. Hammer gently the jet until it reaches the bottom of its seat (see figure4 and 5);

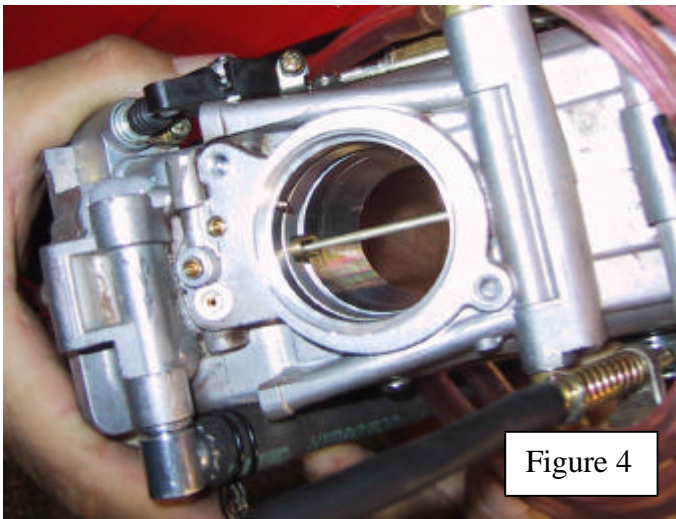


Figure 4

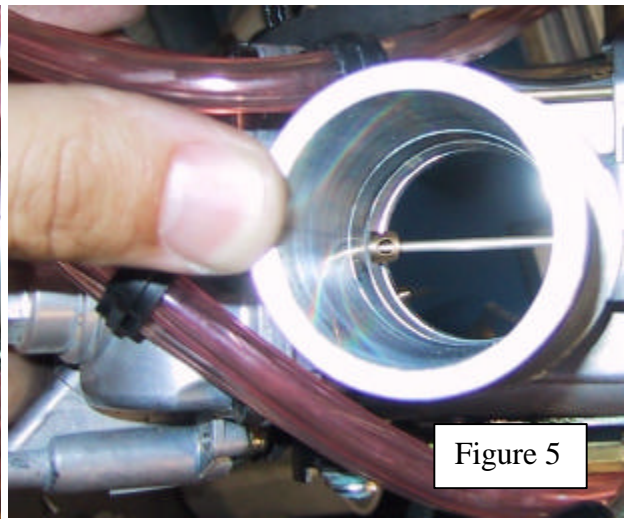


Figure 5



Figure 6

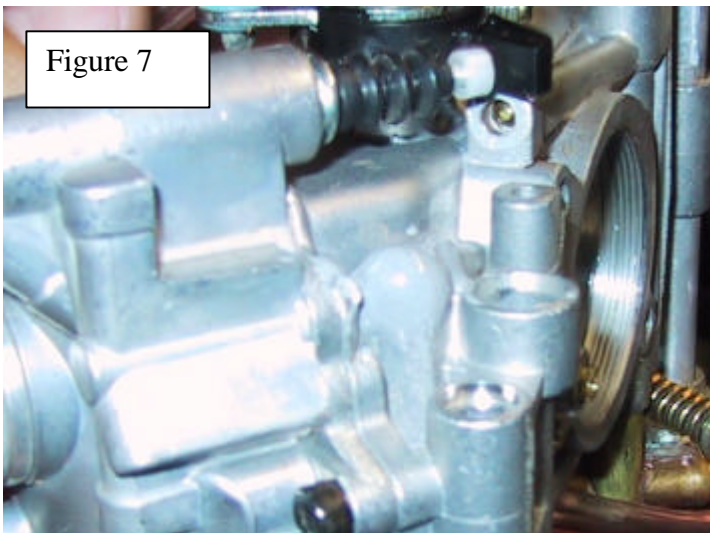


Figure 7

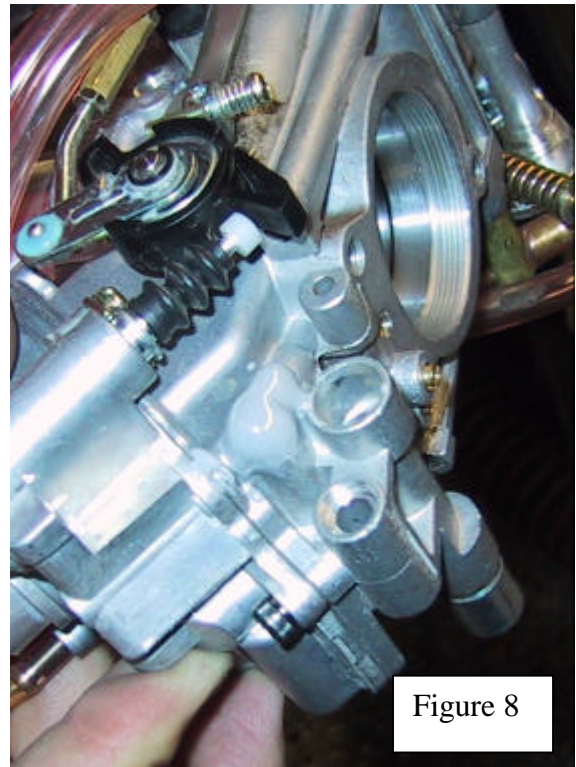


Figure 8

4. Reassemble the ball and seal with epoxy metallic paste (e.g. *figure 6*);
CAUTION: do not allow epoxy paste going into the jet hole and seat; it could occlude some internal hole, damaging the carburettor;
5. Allow the paste to dry (see *figure 7* and *8*) and reassemble all the remaining parts (intake pipe, idle adjuster bracket, etc.);
6. At the end check again the direction of jet squeezing: fill the bowl with fuel and repeat operation described at point 1.d. The direction and position of the squeeze should be the same you had with the old jet.