



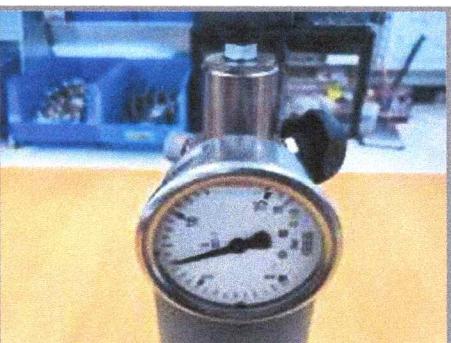
## BLADDER DISMANTLING TOOL FOR PULSATION DAMPERS

**HIDRACAR PRODUCT REFERENCE:** **DRB.A/B**

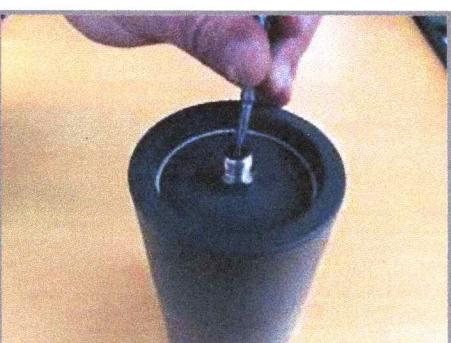


### Procedure for bladder disassembly using the bladder dismantling tool:

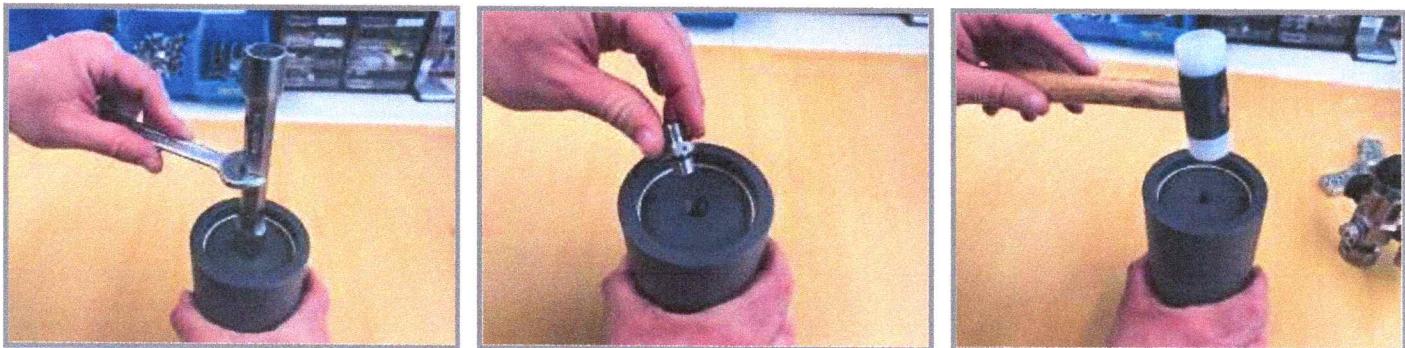
1. Before initiating the bladder extraction, and with the help of the verification and gas filling kit (**HIDRACAR** product reference: **BV(\*\*\*)A1#M**), all remaining gas in the damper will be released. The damper ought to be empty of gas.



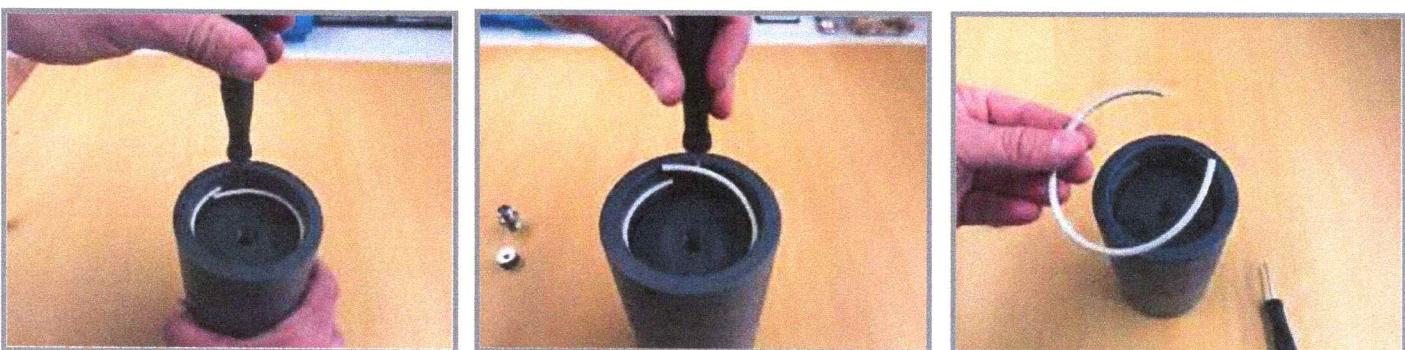
If the pulsation damper is charged at a low pressure (below 10 bar), it will be enough to release the gas from its interior by pushing the core of the charging valve with the help of an awl.



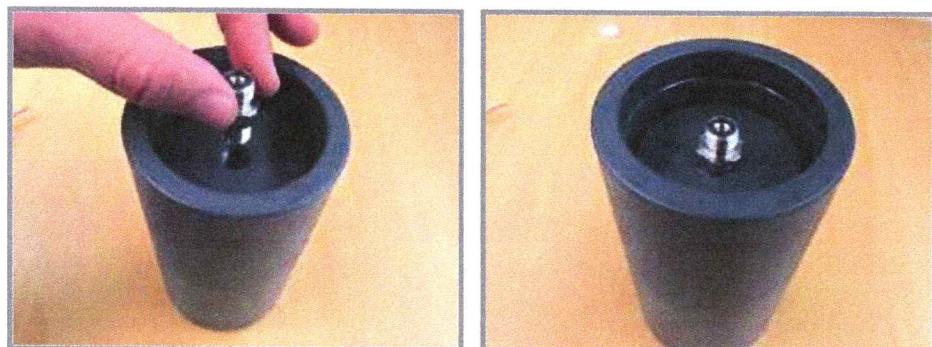
2. Once the pulsation damper is empty of gas, unscrew the charging valve and press the top lid of the pulsation damper inside the damper body (with the help of a nylon hammer). By the way, it will enable the removal of the retention ring.



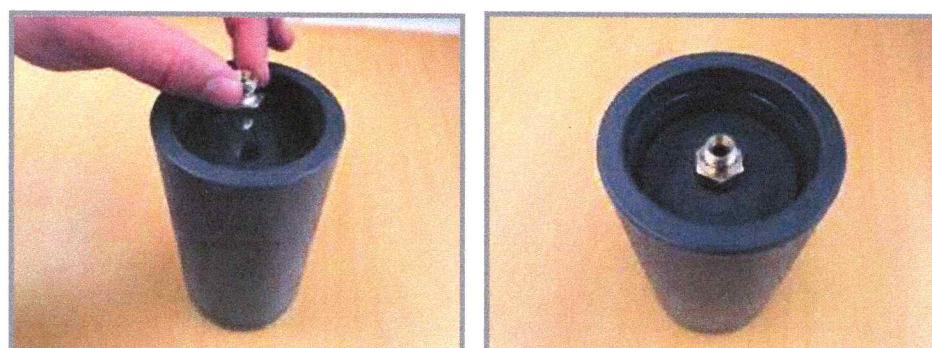
3. Once the top lid has descended enough, extract the retention ring with the help of a flat-tip screwdriver.



4. Screw again the standard charging valve  $\frac{1}{4}$ " BSP in the top lid.



If the charging valve was different from  $\frac{1}{4}$ "BSP, an adaptor ought to be placed. Male-male  $\frac{1}{4}$ " BSP.



**Note: If the accumulator to disassemble is U040 or lower size, skip next point until 5.1.**

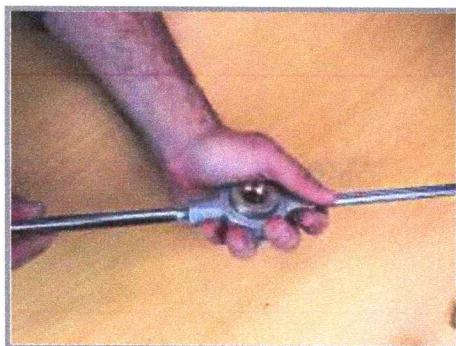
5. Assemble the 3 extensors in the star frame using the 6 x M6 Allen and the Allen wrench included in the kit.



5.1 Screw the 3 legs included in the kit into the corresponding female threads of the star frame. Place the legs according to the model UXXX which is going to be dismantled. The model number UXXX is engraved in the female threads of the star frame or extensors.



6. Assemble the wrench of the bladder dismantling tool.



7. Place the star frame (with the screwed in legs) above the bladder pulsation damper. Legs ought to be leaning in the pulsation damper walls.



8. Introduce the wrench axis of the tool through the central hole of the star frame and screw the threaded extreme of the axis in the charging valve or adaptor ¼" BSP previously threaded on the top lid.



9. Rotate the two wrench arms clockwise to extract the top lid from the damper housing.



10. Once the top lid has been extracted, the bladder can be easily disassembled from it. The pulsation damper is now completely disassembled.



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