

TB 38

SPRING 50N**SEPT 2020**

The technical department of Mares SpA has announced a spring change. The new spring is stronger than the previous one, strength 50N vs 30N. The new spring has been designed and tested for a better seal, especially in cold water. The new 50N springs are longer and wider than the 30N springs and must be assembled with new Tri-Material poppets and new HP chamber plugs. The new parts are easily identifiable as shown in the pictures below.

Current 30N version	New 50N version	recognition methods
Spring 30N COD.46201284 	Spring 50N COD.46202047 	- Longer length: 24mm vs 20mm - Wider diameter: 9mm vs 8.5mm
Trimat Poppet 2k18 CPL COD.46201575 	Trimat Poppet 50N CPL COD.46201784 	- Larger base: 12.2mm vs 11.5mm
HP chamber COD.46201275 	HP Chamber 50N COD.46202045 	- Long guide part : 8.2mm vs 6mm - Wider diameter : 8.8mm vs 8.2mm

**Notice**

- 1) The 62X and 28XR 1ST stages are already fitted with the above new parts
- 2) The 72X and 82X 1ST stages will be assembled using the above new parts in sequence.
- 3) Upgrade kit available for 72X and 82X: 46201791 KIT UPGRADE 1ST STAGE 50N 4) SERVICE KIT PART NUMBERS FOR THE NEW 50N VERSIONS ARE:

- 46201789 Service Kit 1st 72X-AST-50N
- 46201787 Service Kit 1st 82X-50N

**warn**

All service and repair procedures for Mares products must be performed by authorized Mares service technicians at authorized Mares dealers and service centers.

Service technicians should have the Mares Service Manual and Spare Parts Catalog readily available and strictly follow the recommended procedures and guidelines contained in these materials.