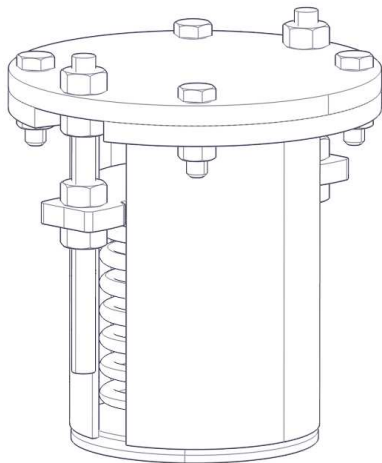


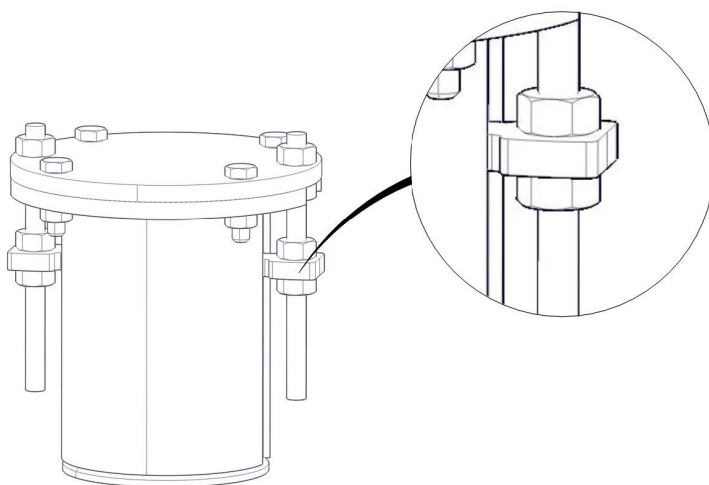
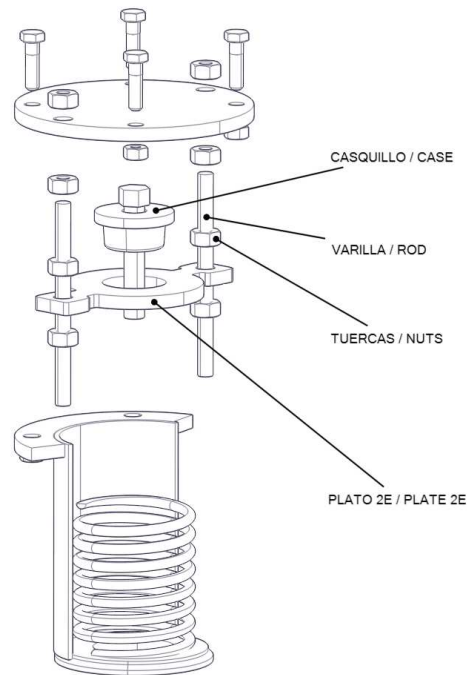


UNLOCKING GUIDE FOR CONSTANT BLOCKING SPRING SUPPORTS



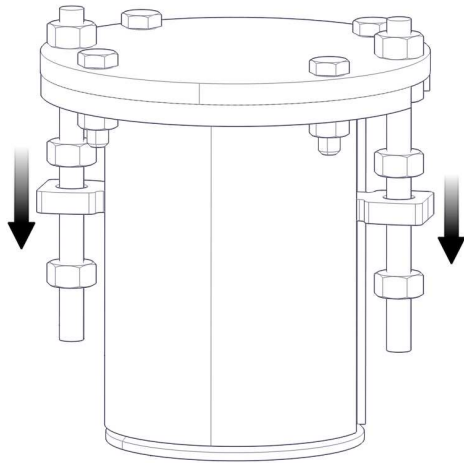
The blocking mechanism of these springs does not depend on the spring type. Anyway, it can be enlightening to read the corresponding assembly and unlocking guide for variable spring supports.

The spring always works under compression. The case rests on the plate 2E, which bears the spring strength. The case is linked to the bolt in supports type A, B, C, E, and G; to a tube in supports type D; to a spindle in supports type F. Two nuts hold the plate 2E so the spring remains at the installation load.



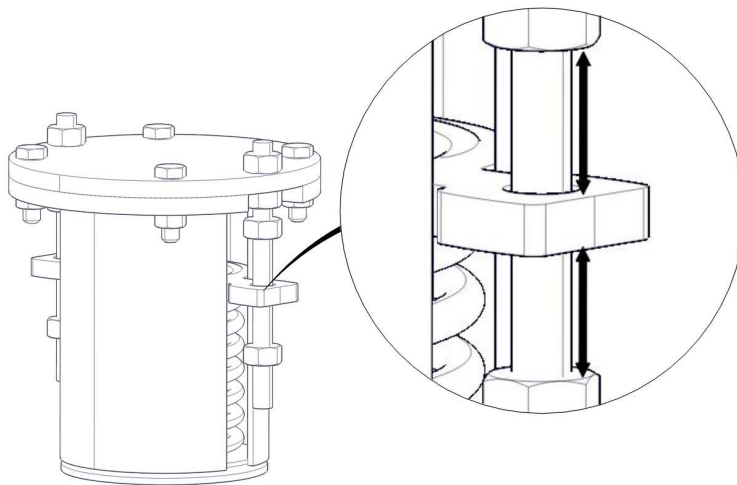
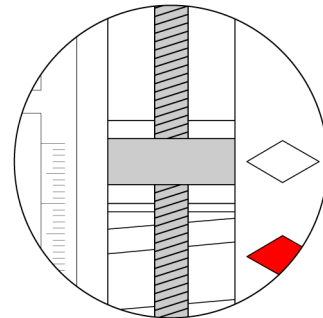
Once all the accessories are assembled (clamp, forged eye nut, rods, forged clevis, lug...), you must move the lower nut downwards (after the hydraulic test is finished).

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Tighten the spring using the turnbuckle (supports type A, B, C, E), the spindle (supports type F), or the regulator nut (supports type D) until the plate 2E moves slightly downwards. Then, screw the upper nut upwards.

At this moment, you should check that the middle point of the plate 2E is approximately aligned with the vertex of the blue or white rhombus. If it is not, you should screw or unscrew again the regulator part until it is aligned.



You should have into account that the plate will move from the installation position to the working position. This movement can be upwards or downwards. So you must move the upper nut upwards, and the lower nut downwards having into account the displacement.

At the end, all the nuts and check nuts must be screwed, and all the threads must be lubricated.

If you want to block the spring again, just screw tightly the nuts against the plate 2E.

If there are various spring supports in the same pipe line, you must unlock first those that bear the higher load. Once you unlock all the supports, you should check all the indicators, and if it is necessary, adjust them again.

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