



MAINTENANCE INSTRUCTIONS

VW-20/00 series

07-2026



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TERRASSA, Tuesday, July 21, 2026

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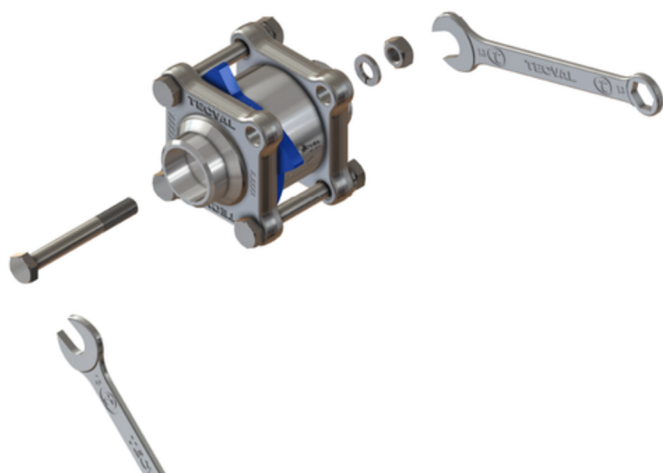
MAINTENANCE INSTRUCTIONS

VW-20/00 series

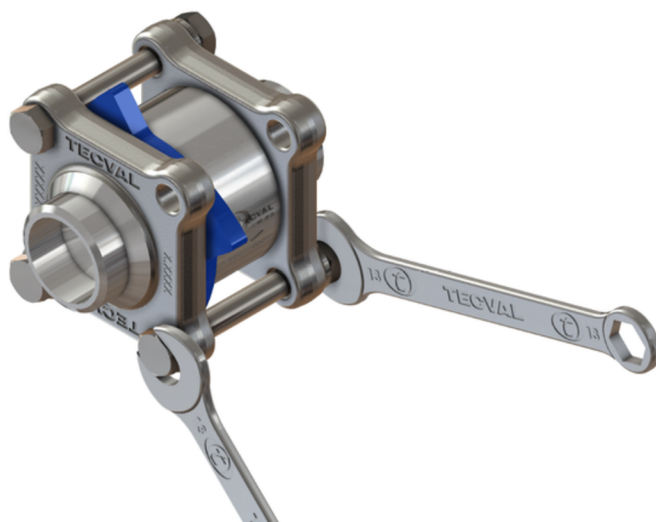
Check Valves

*For VW-00, see steps 4 to 8

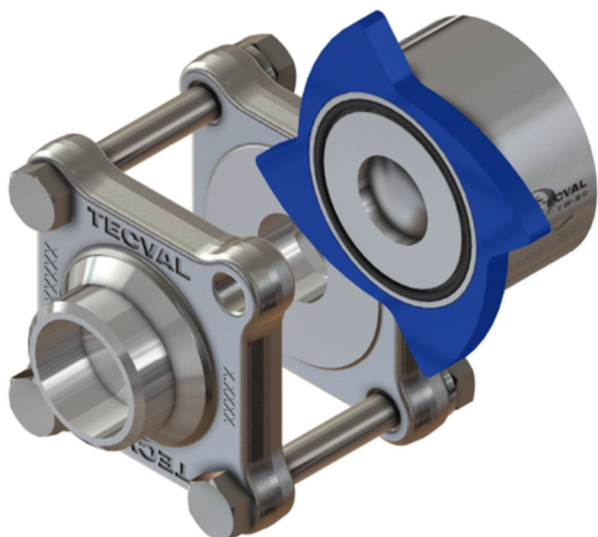
1. Remove one bolt.



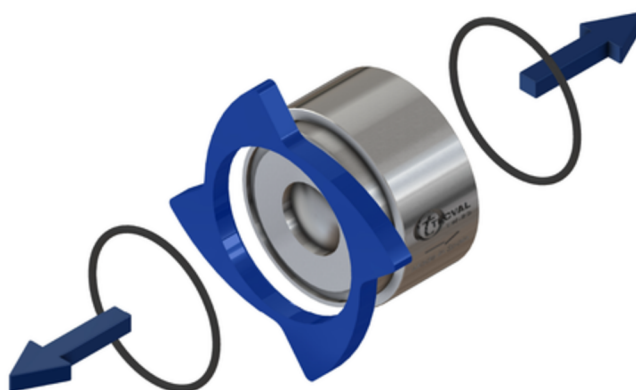
2. Loosen the remaining bolts.



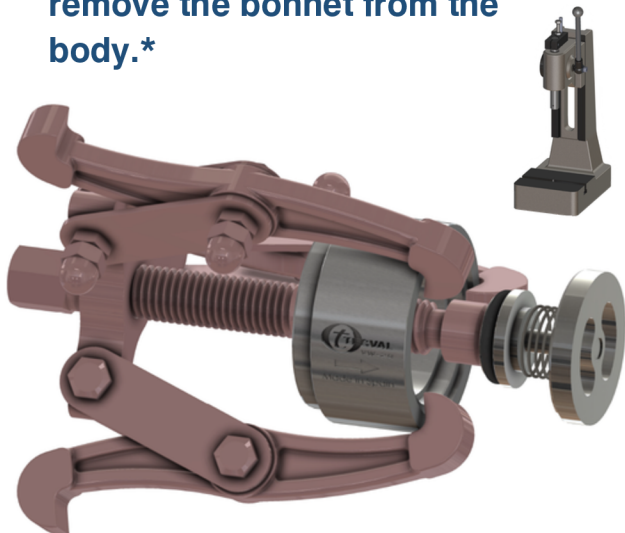
3. Remove the central body.



4. Remove O-rings and centering fins.
VW-00: Remove the centering fins only.*

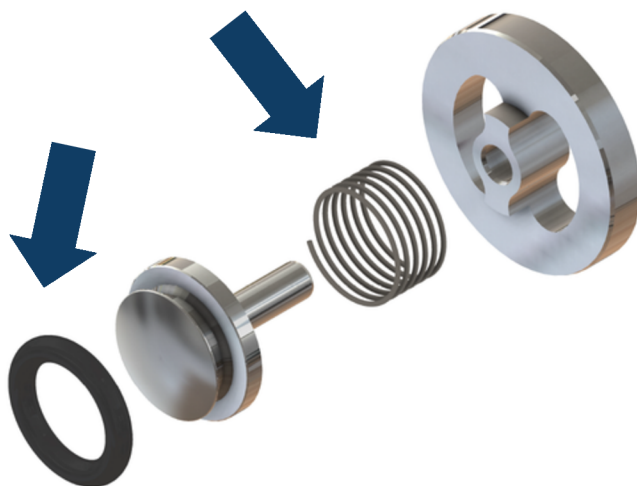


5. Use a puller or manual press to remove the bonnet from the body.*



Keep it as centered as possible.

6. Remove the O-ring and spring, then replace them with the corresponding parts from the maintenance kit.*

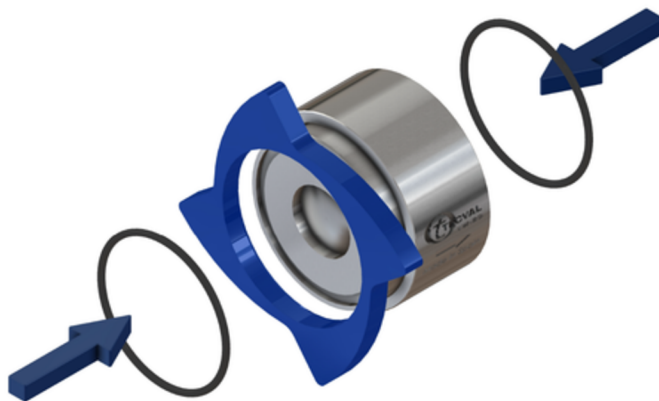


7. Use the puller or manual press to reinstall the bonnet.*

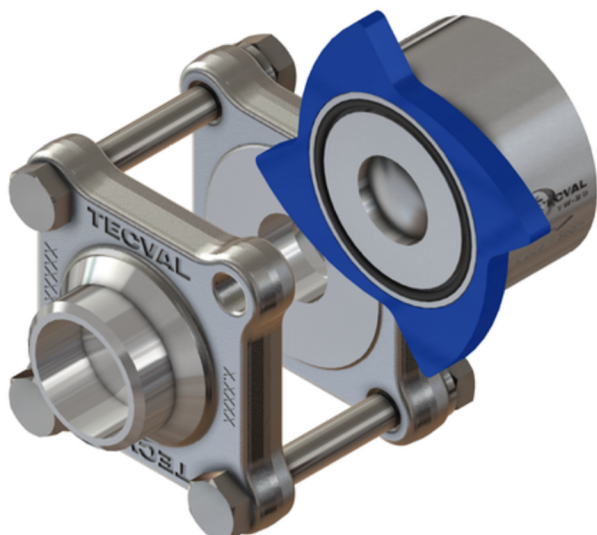


Apply pressure to the bonnet only, ensuring that no pressure is applied to the stem.

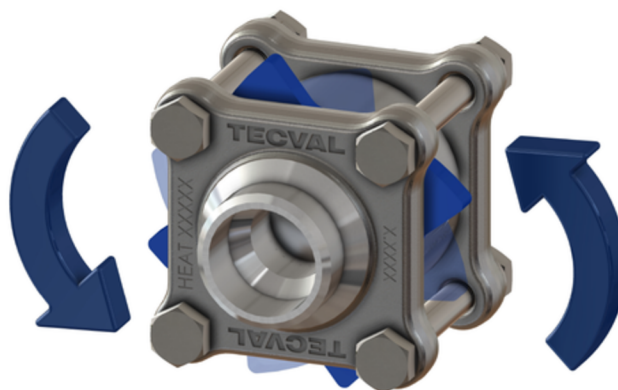
8. Reinstall the O-rings and centering fins. VW-00: Remove the centering fins only.*



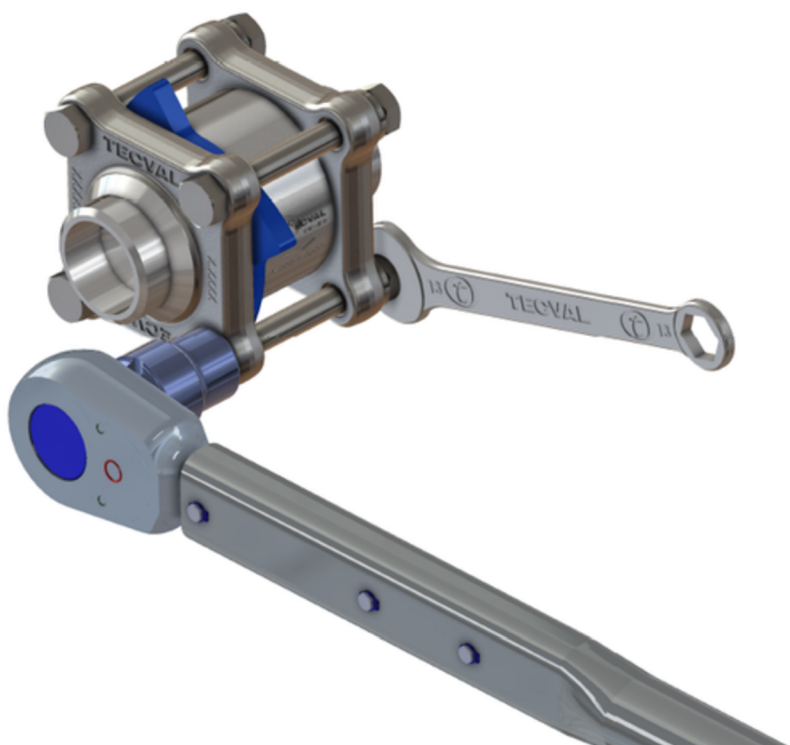
9. Reinstall de central body.



10. Rotate the centering fins until they make contact with all four valve bolts.



11. Torque the body bolts.



Tightening order



	1st pass	2nd pass	3rd pass
DN 15	1 Nm	7 Nm	25 Nm
DN 20	1 Nm	7 Nm	25 Nm
DN 32	2 Nm	14 Nm	45 Nm
DN 40	3 Nm	20 Nm	65 Nm

To prevent bolt galling, it is recommended to tighten the bolts at low speed.