















## FG4 Filter sensor-hole drilling updating

1		Unscrew filter cover from the chamber	7		Clean with compressed air to remove all residues
2		Close filter cover in a bench vice, paying attention to not grip too much, to not damage it. If possible, we suggest to use a jaw with rubber parts	8		Re-assemble the filter cover on the chamber, <b>tightening to the torque from 12 to 14 Nm max</b> for the 19mm hexagonal wrench of the chamber
3		Select the drill (we suggest to use ground center drill). The maximum permissible diameter of the drill is 12 mm. <b>Not use drill diameter more larger than 12 mm</b>	9		Assemble the sensor on the filter cover, paying attention to lubricate adequately the o-ring of the sensor
4		Center the drill using the pre-existing centering dimple on the bottom of the hole	10		Turn sensor fixing hole on one of the special holes of the filter. Left hole to use for Continental/Siemens sensor. Right hole to use for Bosch sensor
5		Drill the filter cover, paying attention to move the drill along the entire deep and not scratch the internal pre-existing hole surface	11		Fix the sensor on the special hole of the filter, using one of a self-tapping screw contained in the accessory bag, tightening to the <b>torque 1,4 Nm max</b> . Pay attention to not use too much force, to not strip the plastic thread
6		Check the diameter is true	12		Check the leakage of the sensor using gas detector spray