



Assembly instructions for sump spacer ring with external filter and pressure control valve

Parts list:	1	Intermediate ring 25 mm
	1	Oil filter with pressure control valve & connecting thread 3/4 - 16 UNF Important – Only use filters that have these threads!!!!
	1	Separator 25 mm for suction cup
	2	Gaskets Suction cup
	2	M6 x 55 & M6 x 75 screws (for extension of suction cup)
	14	M6 x 50 screws (for intermediate ring) + corrugated washers
	1	M10 stud screw

You will also need 2 sump gaskets (not included in the set).

1. Drain the engine oil completely.
2. Dismantle the oil filter.
3. Dismantle the oil outer steering column; in oil cooler engines, replace the long oil pipe with a smaller one (no.114101) and use an oil filter cover without an oil cooler connection (no. 114100).
4. Remove the residue of the sealing compound / sealant from the sealing surfaces before assembly.
5. Mount the intermediate ring in the housing.
6. **Attention: Do not put pressure on the O-rings so that they do not deform.**
7. Mount the ring with two sump seals and some sealant and tighten the screws with a tightening torque of 15Nm. Use only a small amount of sealant.
8. Measure and verify the oil pressure during the final inspection.
9. While retrofitting an oil cooler, the left hole M10 (which is in the direction of travel) must be locked with the stud screw.

Important: Avoid turning and pushing the screw too deep inside; the screw has to be fixed using Loctite and Teflon tape!



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