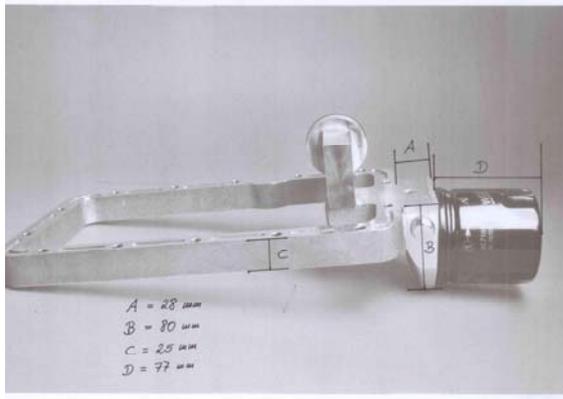


## Frequently asked questions about 117002 Oil pan intermediate ring 25 mm with external oil filter and pressure control valve

### What are the dimensions of the spacer ring?



### What type of oil filter is used? I need to know that it is easy to find replacements here in the USA.

Our part number 117004 is WL7169 = MAN 712/52. They are installed in VW, Seat Ibiza and Skoda Felicia, the thread is 3/4-16 UNF (VERY IMPORTANT!!!!).

### In the description is also stated that "This oil spacer is available with a pressure control valve" what would be the purpose of this?

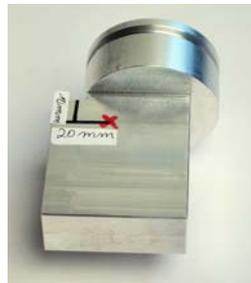
BMW says that the built-in **pressure control valve** in the shield opens at about 5 bar. By measuring an oil pressure of about 6 bar at the oil pressure switch when starting with cold oil, the built-in pressure relief valve is not working, or not correctly, and we recommend the installation of a separate pressure relief valve No. 117107.

If the oil pressure in the engine housing is too high and the pressure relief valve from BMW in the engine is not working properly, it could happen when starting a cold engine, the O-ring of the oil filter is leaking due to the high oil pressure.

### Pictures of 117107



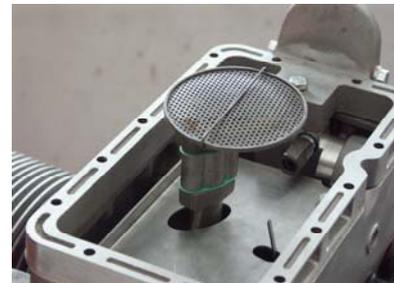
pressure control valve  
117107



position des pressure  
control valve



fitted pressure control  
valve



fitted Oil pan intermediate ring  
with pressure control valve

### Upgrading 117107 pressure control valve in older models?

Yes, please order by e-mail or fax. An installation instruction is included.

### How to remove the stock oil filter housing (or tube) from the engine case (engine is in the frame)??

How to dismantle the oil outer steering column.

The tube is pressed in. We have a special tool to remove it.

You have to remove the sump and drill a 10 mm hole in the tube. Then insert a big screwdriver and 2-3 taps with a hammer to the screwdriver will do it. It will be easier if you heat the seating part of the tube.

