



HOA Geared Oil Pump Upgrade Fitting Instructions

The HOA Geared oil pump upgrade is to replace the original vane style oil pump and the oil pressure feedback line from the upper sump, when removing the original oil pump, remove and discard the original oil pump, the feedback line and the banjo bolt, these are no longer necessary.



Before fitting oil pump, the gear pump needs to be primed by putting a small amount of engine assembly lubrication into the gears of the oil pump, do not over fill. Rotate the pump by hand to ensure all gear teeth are covered evenly.



Dry



Primed

After fitting the oil pump to the upper sump (ensure chain and sprocket are in line, refer to Ford workshop manual for use of tool/procedure for this) remove the o-ring from the pick up tube, fit the adapter to the pick up tube and replace the o-ring. DO NOT try make the bracket go over the o-ring or damage to the o-ring will occur. Finished result should look like this.



Fit supplied m8 socket head cap screw and copper washer in place of the original feedback line banjo bolt, FAILURE TO ENSURE THIS BOLT/WASHER IS INSTALLED WILL RESULT IN LOW OIL PRESSURE!



Before fitting oil pan, grinding of the baffle as pictured will be necessary, we recommend doing a test fit to ensure the oil pan fits perfectly flat with the upper sump before final assembly.

