

ASSEMBLY OF NISSAN “WAVE” PROFILE OIL PUMP GEARS



(OEM RB GEARS SHOWN)

It is the engine builders responsibility to ensure that all components are clean, undamaged and free running BEFORE and AFTER installation.

Gears must be assembled initially with clean engine oil or assembly grease. Do NOT run dry!

With the inner and outer gear sitting in front of you and the nose/seal diameter facing toward you, the outer gear should be laid over the inner gear with the “wave” profile in a clockwise orientation.

The 2 wave “points” should be facing in the same direction (see below).

These gears are direct replacements for standard gears. If something doesn't fit, then something isn't right. You should not have to modify the housing and once installed, the gears should spin freely, with no restriction other than the oil seal.

