

Toyota Celica GT4 ST180/205 – SQS DOG box
DOG kit modifications

Assembly of DOG kit made by SQS Racing is same like original gearkit.

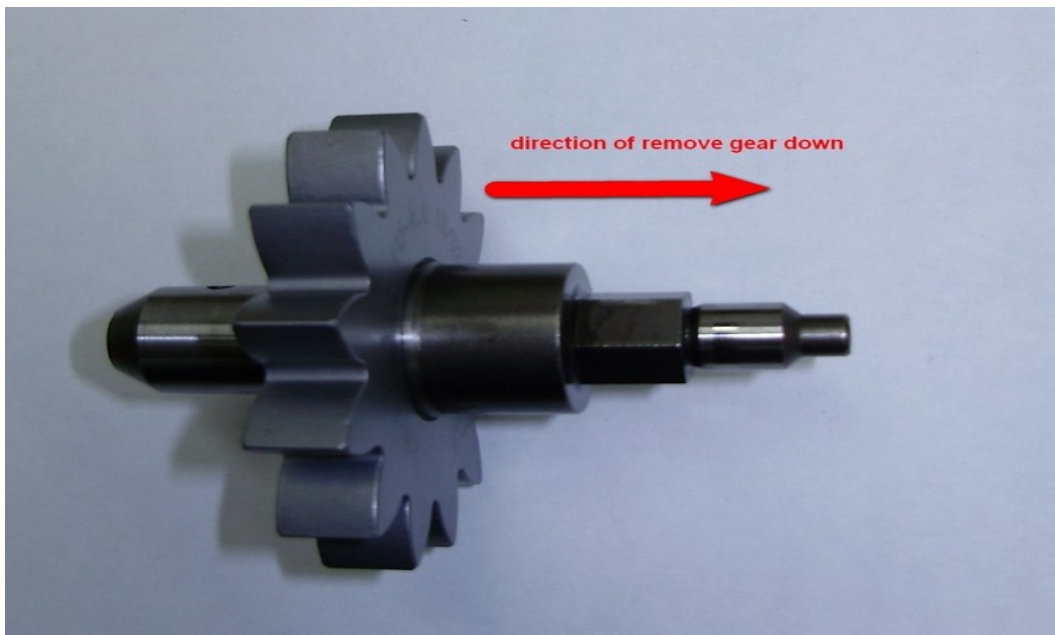
DOG kit is delivered semiassembled – all gears, bearings, hubs and sleeves are installed on shafts.

Its necessary install only main bearings on end of shafts, set preload of bearings (same as original) – make modifications and insert in gearbox.

Modifications:

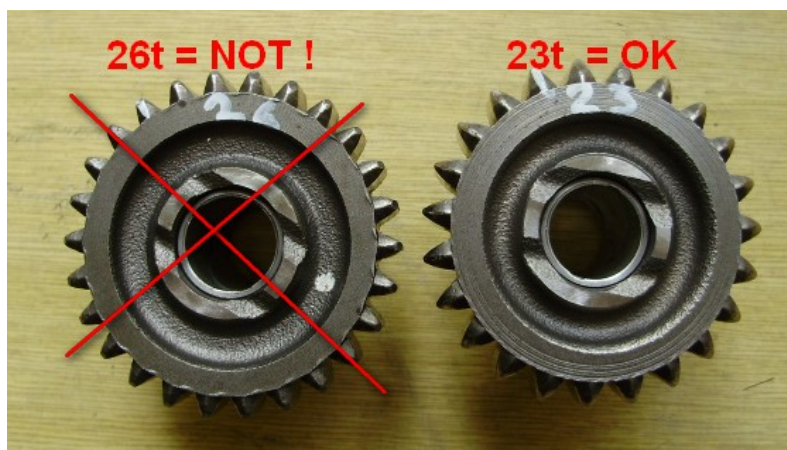
1 – change gear of oil pump

remove by press carefully original gear from small shaft - in direction of arrow – and install back SQS delivered gear (stright cut)



NOTE !!

Reverse idle gear must be 23 teeth !!!



**2 – reduce width of original reverse idle gear by machining /grind
(to avoid colission with 1st gear)**

original width: 23mm / required width: 20,4mm / diameter after machining: 48,5mm



3 – cut off oil pipe in 5th gear alloy cup

Original



After Cut

