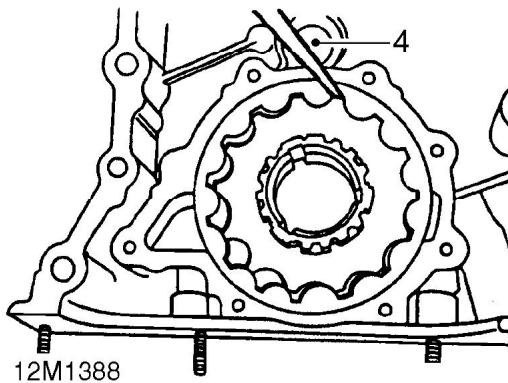


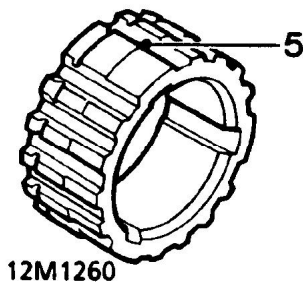
ENGINE

Oil pump - inspection

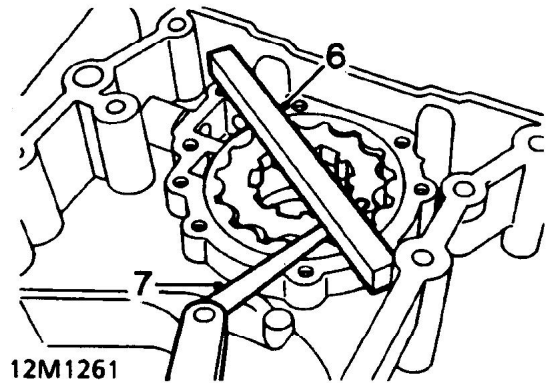
1. Thoroughly clean oil pump drive gear, cover plate, rotors and housing. Remove all traces of sealant from threads of cover plate securing screws and bolt; ensure tapped holes in timing cover are clean and free from oil.
2. Check mating surfaces of cover plate, rotors and housing for scoring.
3. Assemble rotors and oil pump drive gear in housing ensuring that reference marks are aligned.



4. Using feeler gauges, check clearance between teeth of inner and outer rotors:
Maximum clearance = 0.25 mm (0.01 in)



5. Remove oil pump drive gear, check depth of any wear steps on gear teeth:
Wear step maximum depth = 0.15 mm (0.006 in)



6. Place a straight edge across housing.
7. Using feeler gauges, check clearance between straight edge and rotors:
Maximum clearance = 0.1 mm (0.004 in).