

### Water Pump – Removal

#### Water Pump Gear Backlash – Measurement.

Position the indicator on a tooth of the gear.

Note the camshaft gear backlash (a).k the camshaft gear and crankshaft gear for further analysis if backlash exceed limits.

#### Water Pump Gear Backlash limits

MIN	0.05	mm
MAX	0.25	mm

13 mm

Remove the cap screws.

Tighten these screws at point (a) to push the water pump against cylinder block.

Remove and discard the o-ring.

#### Lubricating Oil Pump Gear Backlash – Measurement.

Position the indicator on a tooth of the gear.

Note the camshaft gear backlash (a).k the camshaft gear and crankshaft gear for further analysis if backlash exceed limits.

#### Oil Pump Gear Backlash limits

MIN	0.05	mm
MAX	0.25	mm



# Mechanical Workshop Manual

**E. Pull**



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