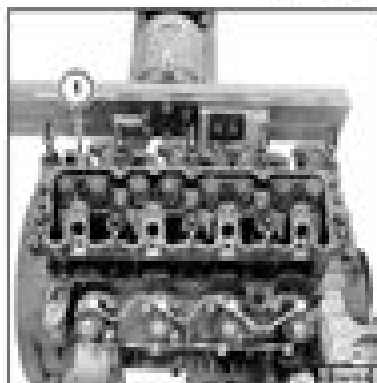




- Unscrew screws (arrow), remove cylinder head (1) and gasket.
- Clean seating surfaces on cylinder head and crankcase.

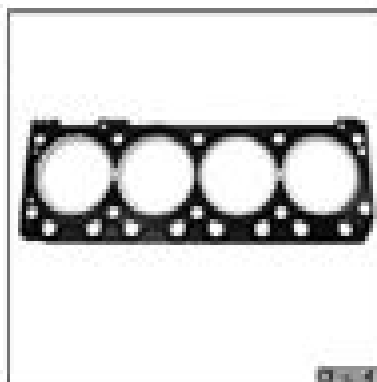


Determine cylinder head gasket



Note

- The piston overlap must be measured on all pistons to determine the cylinder head gasket.
- The cylinder head gasket must be selected according to the greatest measured piston overlap.



Determine piston UT

- Turn crankshaft until the piston comes flush with the crankcase.

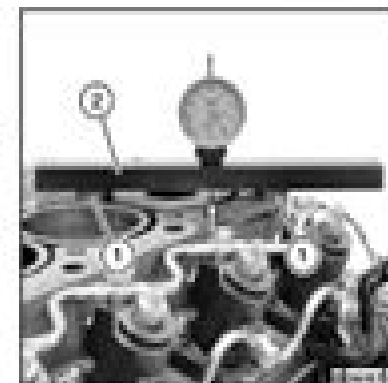


Note

- Turn crankshaft in direction of rotation of engine.

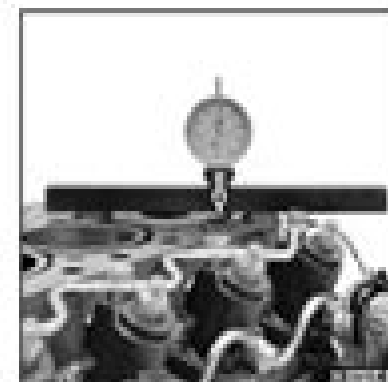


- Mount shim (1) and measuring bridge (2) on crankcase.
- Insert meter in measuring bridge and position the stylus with pre-tension on the piston base (arrow).
- Turn the crankshaft evenly until the reversal point of the pointer on the meter is reached. The piston is now in UT.



Determine piston overlap

- Move measuring bridge and shim.
- Place the stylus of the meter under pre-tension on the seating surface of the crankcase (arrow).
- Adjust meter to "0".

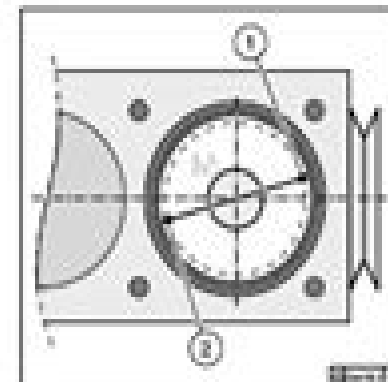


- Read measuring points.



Note

- Schematic representation for measuring the piston overlap at the points "1" and "2".



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