


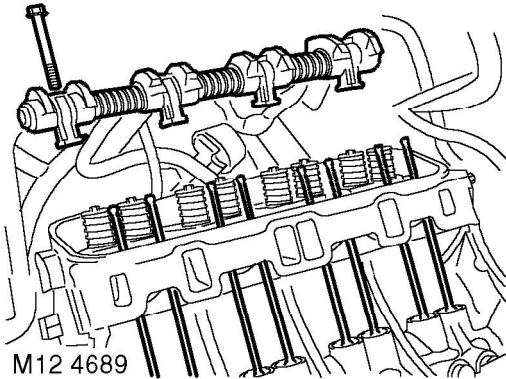


Camshaft

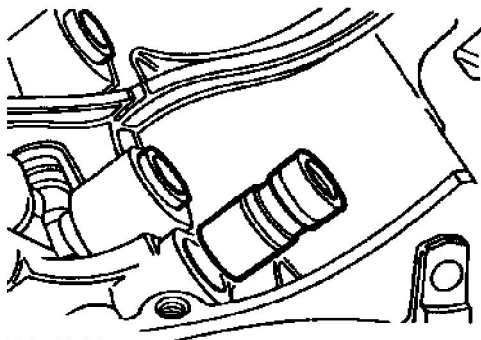
➔ 12.13.02.01

Disassembly

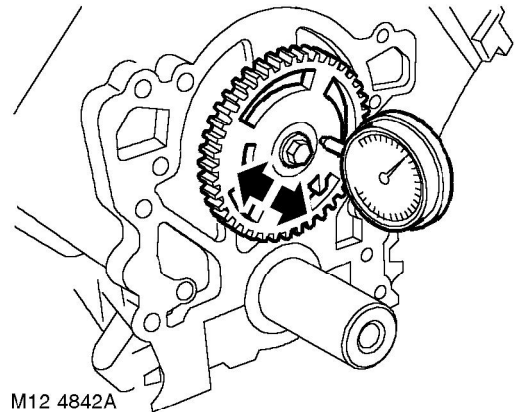
1. Remove inlet manifold gasket.
 **ENGINE - V8, OVERHAUL, Gasket - inlet manifold.**



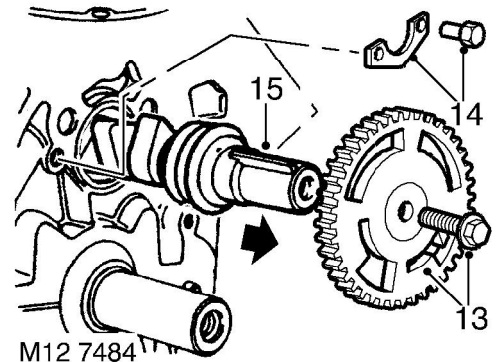
2. Progressively loosen and remove 8 bolts securing rocker shaft assemblies.
3. Mark each rocker shaft in relation to original head.
4. Remove rocker shaft assemblies.
5. Remove push rods and store in their fitted order.



6. Remove tappets.
CAUTION: Store tappets upright and in their fitted order.
7. Remove timing chain and gears.
 **ENGINE - V8, OVERHAUL, Timing chain and gears.**



8. Temporarily fit camshaft gear and lightly tighten bolt.
9. Attach a dial test indicator (DTI) to front of cylinder block with stylus of DTI contacting camshaft gear.
10. Push camshaft rearwards and zero the DTI.
11. Using the camshaft gear, pull camshaft forwards and note reading on DTI. End-float should be from 0.075 to 0.25 mm (0.003 to 0.010 in).
12. If end-float is incorrect, fit a new thrust plate. If end-float is still incorrect, a new camshaft/gear must be fitted.



13. Remove camshaft bolt and gear.
14. Remove 2 bolts securing camshaft thrust plate and remove thrust plate.
15. Carefully remove the camshaft avoiding damage to the camshaft bearings.