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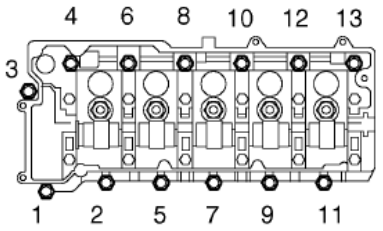
TD5 Defender

ENGINE



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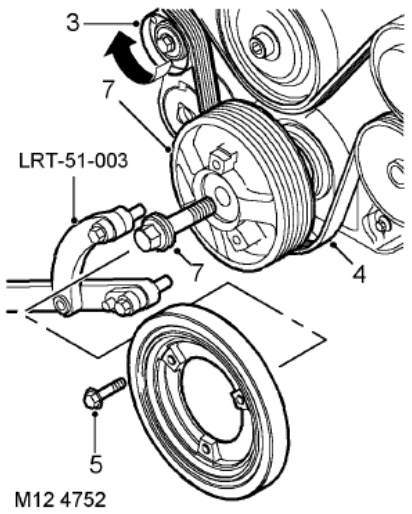
25. Using sequence shown, progressively tighten bolts to ***25 Nm (18 lbf.ft).***
26. Lubricate a new camshaft rear oil seal with engine oil, fit seal using a suitable mandrel.
27. Fit rocker shaft ensuring it is located on dowel, fit new bolts and working from the centre outwards, tighten bolts progressively to ***32 Nm (24 lbf.ft).***
28. Fit new 'O' ring to injector harness multiplug, fit harness and connect injector multiplugs.
29. Fit cylinder head gasket. ***See this Section.***
30. Before refitting the camshaft cover the fuel injector rockers must be adjusted.
31. Rotate engine clockwise until No. 1 injector lobe is at full lift.
32. Rotate rocker adjusting screw clockwise until the injector plunger is felt to bottom out.
33. Rotate rocker adjusting screw anti-clockwise 1 complete turn to give plunger the required bump clearance and tighten rocker adjusting screw locknut to ***16 Nm (12 lbf.ft)*** .
34. Carry out above procedure for the remaining 4 rockers.
35. After completion of rocker adjustment, slowly rotate engine clockwise 2 complete turns by hand to ensure that no injectors are bottoming out on their plungers.

PULLEY - CRANKSHAFT

Service repair no - 12.21.01

Remove

1. Remove underbelly panel. ***See CHASSIS AND BODY, Repair.***
2. Remove radiator. ***See COOLING SYSTEM, Repair.***



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3. Using a 15 mm ring spanner release the auxiliary drive belt tensioner.
4. Remove auxiliary drive belt.
5. Remove 3 bolts and remove crankshaft damper.
6. Position **LRT-51-003** to crankshaft pulley and secure with 2 bolts.
7. Remove and discard crankshaft pulley bolt. Remove crankshaft pulley.
8. Remove 2 bolts and remove **LRT-51-003** .

Cooling System
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