

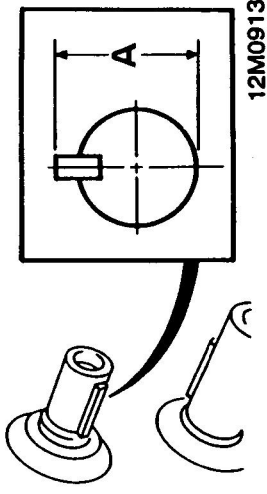
ENGINE

Timing chain and gears - inspection

1. Thoroughly clean all components.
2. Inspect distributor drive gear - if fitted for wear.
3. Inspect timing chain links and pins for wear.
4. Inspect timing chain gears for wear. Renew parts as necessary.

Timing gears - refit

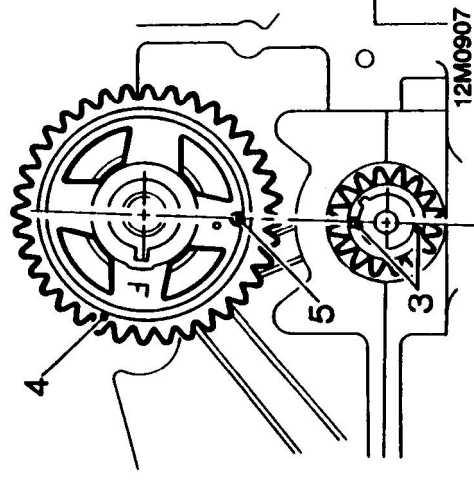
1. Clean gear locations on camshaft and crankshaft, fit Woodruff keys.



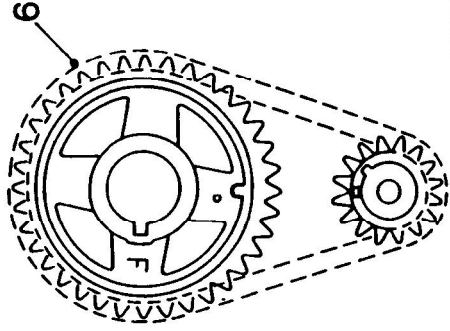
2. Check camshaft Woodruff key is fully engaged in keyway.



CAUTION: Space between Woodruff key and keyway acts as an oil feed. It is therefore most important that key is properly seated and parallel to axis of camshaft. Overall dimension 'A' must not exceed 30.15 mm (1.2 in).



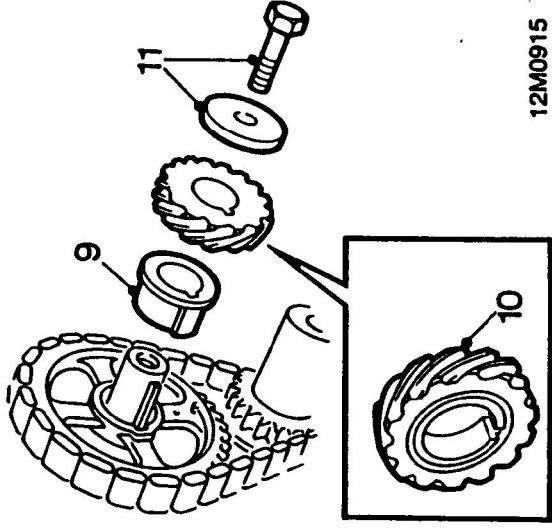
3. Temporarily fit crankshaft gear, and if necessary turn crankshaft to bring timing mark on gear to the twelve o'clock position, remove gear.
4. Temporarily fit camshaft gear with marking 'F' facing forwards.
5. Turn camshaft until mark on camshaft gear is at the six o'clock position, remove gear without moving camshaft.



12M0914

6. Position timing gears on work surface with timing marks upwards and aligned.
7. Fit timing chain around gears, keeping timing marks aligned.
8. Fit gear and chain assembly.

 **NOTE: Timing marks and 'F' mark on camshaft gear must be facing forwards.**



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9. Fit spacer to camshaft with flange facing forwards.
10. Fit distributor drive gear - if fitted to camshaft with grooved face towards camshaft gear.
11. Fit camshaft gear bolt and washer, restrain camshaft gear and tighten bolt to 50 Nm (37 lbf.ft).