



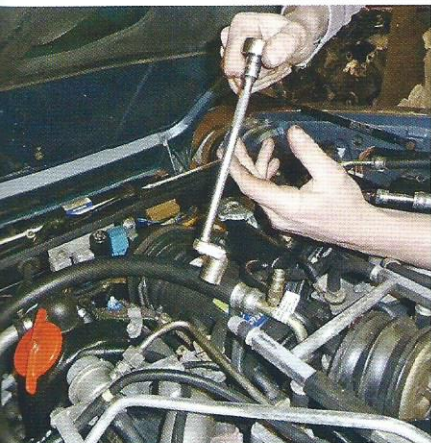
23 Engine oil and filter
Remove the sump plug (7/16in AF socket) and drain the oil with the engine warm. The filter is located near to the sump on the left-hand side. Use quality SAE 15w50 or 20w50 multigrade oil. Capacity (including filter): 20 pints (11.4 litres).



24 Distributor and ignition
Electronic ignition is employed (no points). Clean/check the distributor cap and the rotor arm. Where applicable, check that advance/retard mechanism operates and lubricate. Inspect the high tension leads, which can suffer due to engine heat.



25 Spark plugs - 1
Clean the plugs every 6000 miles, renew every 12,000. Gaps: 0.025in (0.64mm). Specifications: pre-HE – Champion N10Y; HE – Champion BN5 (or equivalents). Various items need to be removed to access the forwardmost plugs.



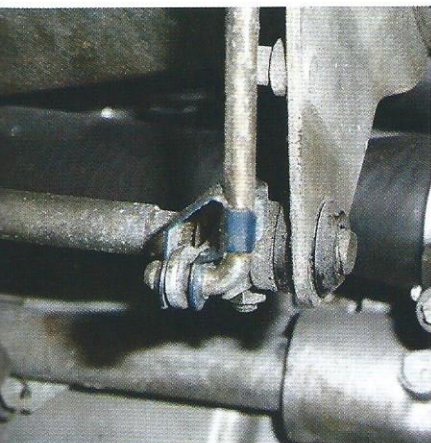
26 Spark plugs - 2
You can use a special offset spanner like this (available through the Jaguar Enthusiasts' Club). Lightly coat the threads with copper grease. Hand-tighten until the plug seat touches the head, then tighten 1/16th of a turn (maximum torque 8lb ft).



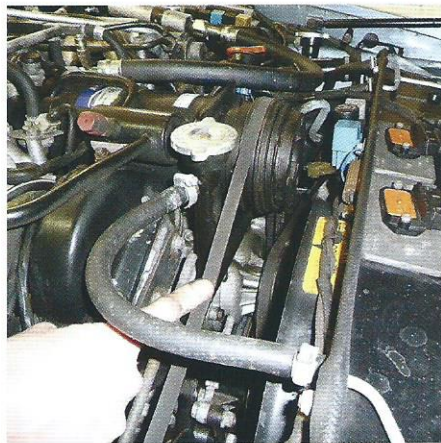
27 Air filters
Renew the air filters (one per cylinder bank) every 12,000 miles, after wiping clean the housings. On cars with Marelli ignition, the filter incorporates a blanking plate (upper unit in photo) positioned towards the rear; it must align with the throttle body.



28 Fuel supply
Inspect the injection wiring loom and connectors (prone to heat damage between the cylinder banks). Renew the boot-mounted filter every 60,000 miles. First remove the fuel pump relay and crank the engine to depressurise the system.



29 Accelerator linkage
The main accelerator linkage shaft runs in rubber bushes, which can perish and wear. Renew if necessary. Check that the accelerator linkage capstan (rear of the engine) is correctly synched so both the throttle butterflies open precisely together.



30 Drive belts
There are four separate belts, serving the alternator, air-conditioning, cooling fan and power steering. Assess condition and tension; renew regardless every 60,000 miles. Remove the power steering belt to access the alternator belt.



31 Cooling system
Change coolant every two years or 12,000 miles with red or blue antifreeze. There's a steel pipe passing through a rubber 'O' ring into an aluminium housing on each side of the engine – inspect for leaks. Check the rest of the system for leaks. ■

THANKS TO David Randall of Hollygrove Jaguar: 01425 477000, www.hollygrovejaguar.com