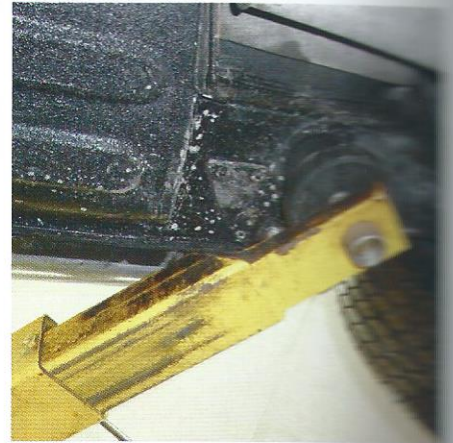


13 Auto gearbox fluid
Check fluid level (consult handbook) and check its colour. If it's brown and smells burnt, the transmission is ailing. Replace with fresh ATF every 20,000 miles. Capacity: 16 pints (9.1 litres).



14 Differential oil
Remove the level plug and top up to the base of the aperture. The limited slip differential requires special API GL5 90 LS oil. Renew at least every 20,000 miles. Capacity: 2.75 pints (1.6 litres).



15 Body structure
Check the rear radius arm mounts, underbody beams and strengtheners, sills, seat belt mounts, front crossmember, bulkheads, inner wings and pillars. Treat regularly with underbody wax.



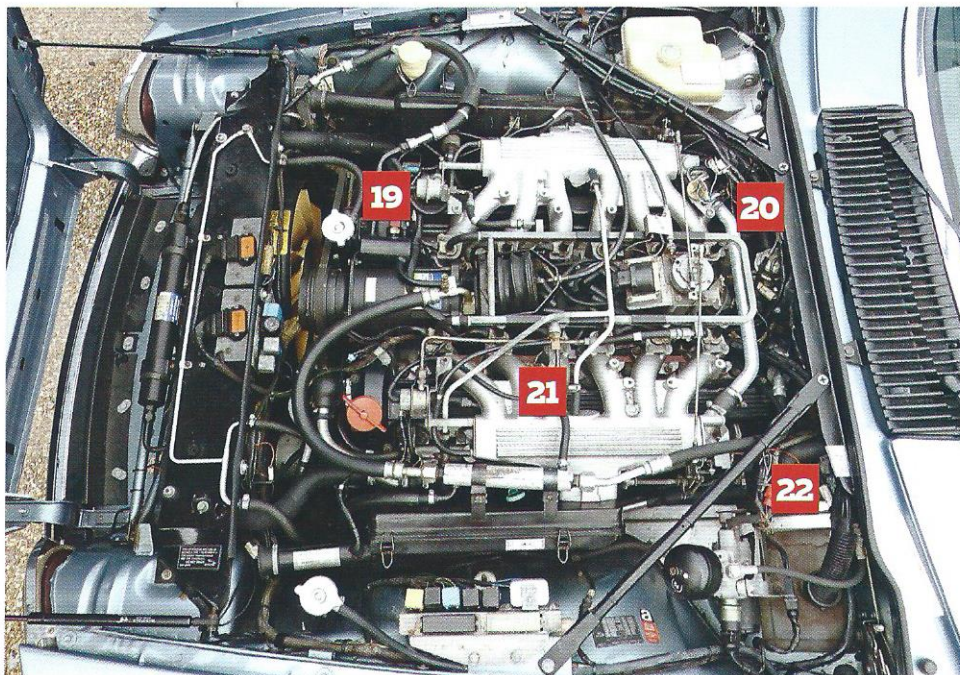
16 Exhaust system
Check the exhaust system for leaks, insecurity, damage and disintegration. Include all the mountings in your examination. The front downpipes are particularly vulnerable to damage.



17 Wheels and tyres
Check the aluminium alloy wheels for corrosion and impact damage. The low-profile 15in and 16in diameter tyres don't take kindly to kerbing. Check the tracking if uneven wear is evident.



18 Interior aspects
Assess pedal rubbers. Test the operational switches, controls and instruments. Inspect the seat belts for fraying, and ensure that they latch/unlatch correctly. Look for rust around mountings.



19 Oil leaks
Check for engine oil leaks, especially from the sump plug, the sump itself and the valve cover gaskets.

20 Engine bay wiring
Electrical malfunctions on XJ-S models are often due to dirty, loose or corroded connections. Check closely. Also ensure that all cable insulation is sound, and that cables are routed safely.

21 Valves
Fortunately, the time-consuming task of checking and setting the shim-controlled valve clearances is not normally necessary in between cylinder head or engine overhauls. Access is very poor with the engine in situ.

22 Other items
Check the tightness of all nuts and bolts. Ensure that the heater controls work as intended, and lubricate them with aerosol grease or a little engine oil to maintain smooth operation and prevent seizure.