

# Jaguar XJ8 XJR 1998-2003 Workshop Manual

Engine AJ-V8/SHP24

AJ-V8/SHP24

Engine

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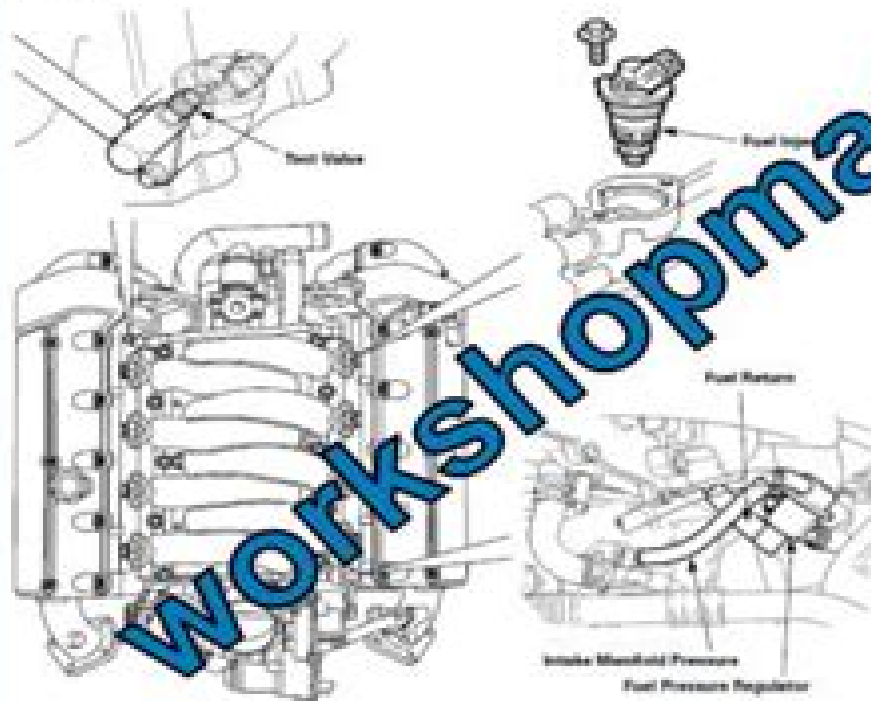
## Fuel System

Fuel injectors, controlled by the ECM, are installed in the fuel rails on each side of the intake manifold. A pressure pipe connects the two fuel rails together at the front of the manifold. A test valve in the cross-over pipe allows the fuel rail to be pressurized and depressurized during servicing and troubleshooting.

A pressure regulator on the rear of the right fuel rail controls the pressure in the fuel rails.

A return line directs excess fuel from the pressure regulator back to the fuel tank.

### FUEL SYSTEM



### A BANK CYLINDER HEAD



### Timing Gear

Single row primary and secondary chains drive the camshafts of each cylinder bank. The primary chain transmits the drive from two sprockets on the crankshaft to variable valve timing units on the intake camshafts. The secondary chain transmits the drive from the variable valve timing units to sprockets on the exhaust camshafts.

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# Jaguar Xj8 Service Manual

**Yicheng Fang**



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