Cylinder head assembly

To remove Operation 3-9

Drain the cooling system.

2 Disconnect the battery terminals.

3 Remove the air filter/cleaner hose at the induction manifold.

4 For engines fitted with turbochargers, remove the air filter/cleaner hose at the compressor inlet of the turbocharger.

5 Remove the pipe which is fitted between the fuelled starting aid in the induction manifold and the fuel filter. Disconnect the electrical connection.

6 For engines fitted with a boost control device, remove the boost control pipe which is fitted between the induction manifold and the top of the fuel injection pump.

Remove the induction manifold.

8 For engines fitted with turbochargers, disconnect all connections to the turbocharger and remove the turbocharger, see Operation 9-1.

9 Remove the exhaust manifold.

10 Remove the low-pressure fuel pipes which are fitted between the fuel injection pump and the fuel filter.

Note: Where a Bosch fuel injection pump is fitted, keep the fuel outlet banjo bolt with the fuel injection pump.

11 Remove the fuel pipe fitted between the fuel lift pump and the fuel filter. Remove the fuel filter bracket together with the fuel filter.

12 Remove the high-pressure fuel pipes.

Caution: Where access to the fuel injection pump outlet unions is possible, ensure that a separate spanner is used to prevent movement of the fuel injection pump outlets when the connections of the high-pressure pipes are released. Fit suitable covers to all open connections on the fuel injection pump.

13 Remove the atomiser leak-off pipe.

14 Remove the atomisers, see Operation 11-7. Fit suitable covers to the nozzles and the open connections.

15 If a compressor is fitted, remove the coolant pipe which is fitted between the cylinder head and the compressor, then remove the coolant pipe which is fitted between the by-pass connection and the compressor.

16 Release the clip of the coolant by-pass hose at the cylinder head. Release the setscrews and remove the coolant by-pass connection and the hose.

17 Disconnect the coolant temperature sender unit.

18 For turbocharged and some naturally aspirated four cylinder engines, remove the oil cooler, see Operation 12-21.

19 Remove the rocker cover, see Operation 3-1.

20 Remove the rocker assembly, see Operation 3-3.

21 Remove the push rods.

Continued

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