



2.13a Fitting the camshaft TDC pin. . .



2.13b . . . or using a bolt to align the camshaft

engine whilst the crankshaft and camshaft timing pins are in position. If the engine is to be left in this state for a long period of time, it is a good idea to place suitable warning notices inside the vehicle, and

in the engine compartment. This will reduce the possibility of the engine being accidentally cranked on the starter motor, which would cause considerable damage.

14 Check that the mark on the high-pressure



2.14 The mark on the high-pressure pump sprocket must be aligned with the bolt head on the cylinder head

injection pump sprocket is aligned with the bolt head on the cylinder head [see illustration].

15 On completion, remove the timing pins and refit all removed components.

3 Cylinder head cover – removal and refitting



Removal

1 Disconnect the battery negative terminal (refer to Disconnecting the battery in Chapter 5 Section 4).

2 Where fitted, unclip the engine plastic cover from the top of the engine (see illustration).

3 Release the retaining clip at the turbo end of the pipe and disconnect the intercooler pipe (see illustrations).

4 Undo the retaining nut, then release the securing clip at the intercooler end of the hose, then remove it from across the top of the engine (see illustrations).

5 Release the securing clip, and disconnect the air intake hose from the throttle valve housing (see illustration).

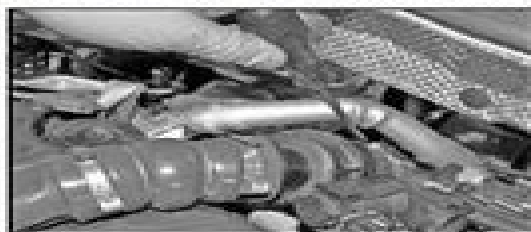
6 Disconnect the wiring connectors and unclip the wiring loom from the end of the cylinder head plastic cover (see illustration).

7 Undo the two retaining bolts at the rear of the cover, then release the two securing clips at the front and lift off the plastic shield/cover (see illustrations).

8 Disconnect the wiring connector from the camshaft position sensor, undo the retaining



3.2 Unclip the upper trim cover



3.3a Release the retaining clip. . .



3.3b . . . and disconnect the intercooler rubber hose



3.4a Undo the retaining nut. . .



3.4b . . . and disconnect hose from intercooler



3.5 Disconnecting the intercooler rubber hose



3.6 Disconnect the wiring connector and unclip wiring loom

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