

SERVICE INFORMATION

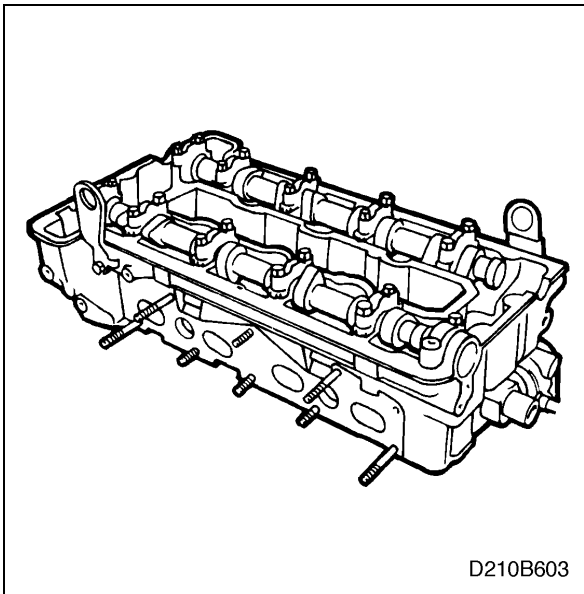
Number: 210-1704 UTG. 2

Year: 1996

Month: DECEMBER

Market: ALL

Addendum to the service programme "Retightening of cylinder head bolts"



Cars concerned

Model year 1994 and later Saab 900 cars with 4-cylinder engine

Background

It has been found that the clamping force of the cylinder head bolts diminishes after a period of driving and may result in oil and coolant leakage.

This can be remedied by retightening the bolts once in connection with Service 1 or during the next scheduled service. Box 1 in the Service Logbook should be marked with an extra stamp when the bolts have been retightened.

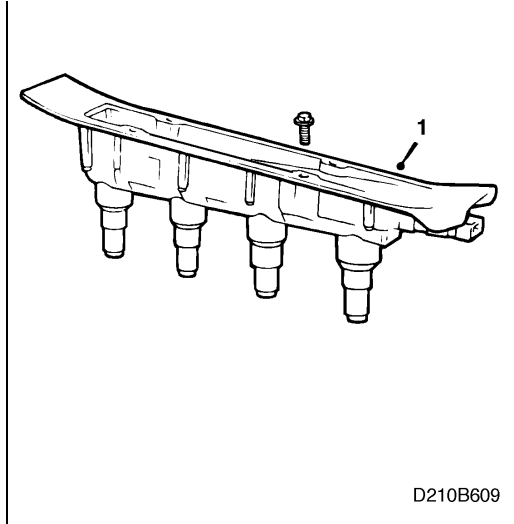
In addition, reference to this Service Information should be made in the service programme section of Service Manual 1 "Service".

This Service Information bulletin supersedes SI 210- 1677.

IMPORTANT

The tightening torque for the cylinder head bolts has been changed.

Procedure

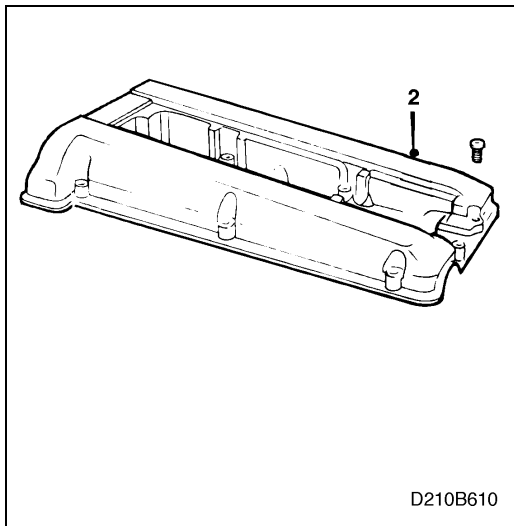


Before starting, check service box 1 in the Service Logbook to see whether it contains an extra stamp. If it does not, continue as described below:

If the cylinder head has been dismantled, run the engine until it reaches normal operating temperature and the thermostat opens.

The engine must be allowed to cool down for at least an hour before work is started on the cylinder head.

- 1 Remove the ignition discharge module or the cover over the spark plugs.
- 2 Remove the camshaft cover and tighten the bolts as described in points 3- 6.

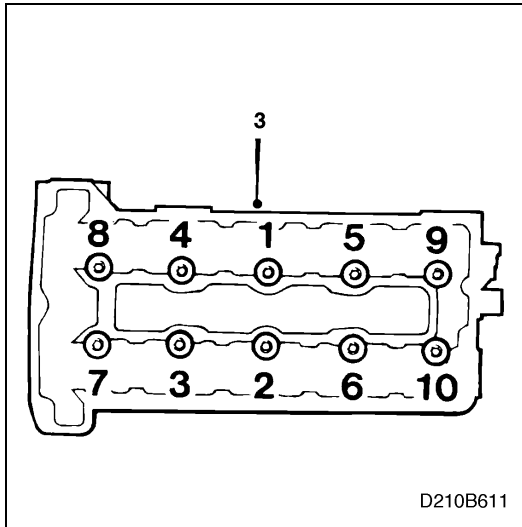


IMPORTANT

It is extremely important to tighten the bolts exactly as described.

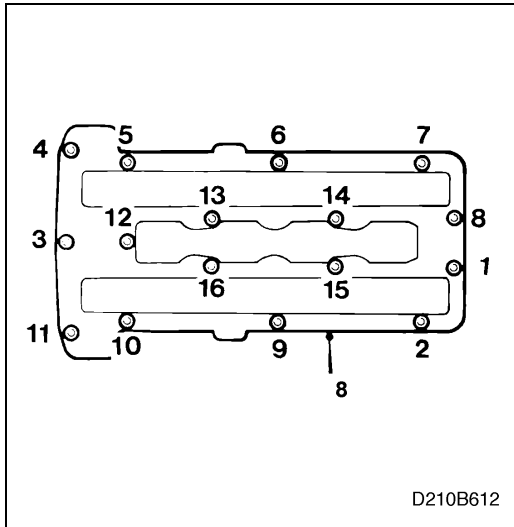
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- 3 Back off bolt number 1 and tighten it again. Repeat this in the order shown. Tightening torque 40 Nm (30 lbf ft).

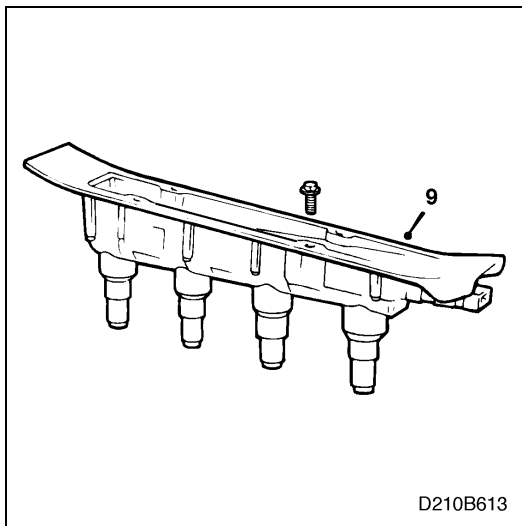


- 4 Tighten bolt number 1 to a torque of 60 Nm (44 lbf ft). Tighten the other bolts to the same torque in the order shown, see illustration.
- 5 Tighten bolt number 1 an additional 90 (1/4 turn). Tighten the other bolts similarly in the order shown, see illustration.
- 6 Tighten the timing cover retaining bolts. Tightening torque 22 Nm (16 lbf ft).

- 7 Inspect the camshaft cover gasket and change it if necessary.



- 8 Fit the camshaft cover, starting by tightening the two bolts at the opening, see figure. Continue with the bolt situated in the middle of the transmission end and proceed round the outer perimeter of the camshaft cover. Finish by tightening the bolts round the inner perimeter. Tightening torque 15 Nm (11 lbf ft).
- 9 Fit the ignition discharge module or cover over the spark plugs. Tightening torque 11 Nm (8 lbf ft).



- 10 Stamp box 1 in the service logbook once again.

Standard time information

Time: 0.4