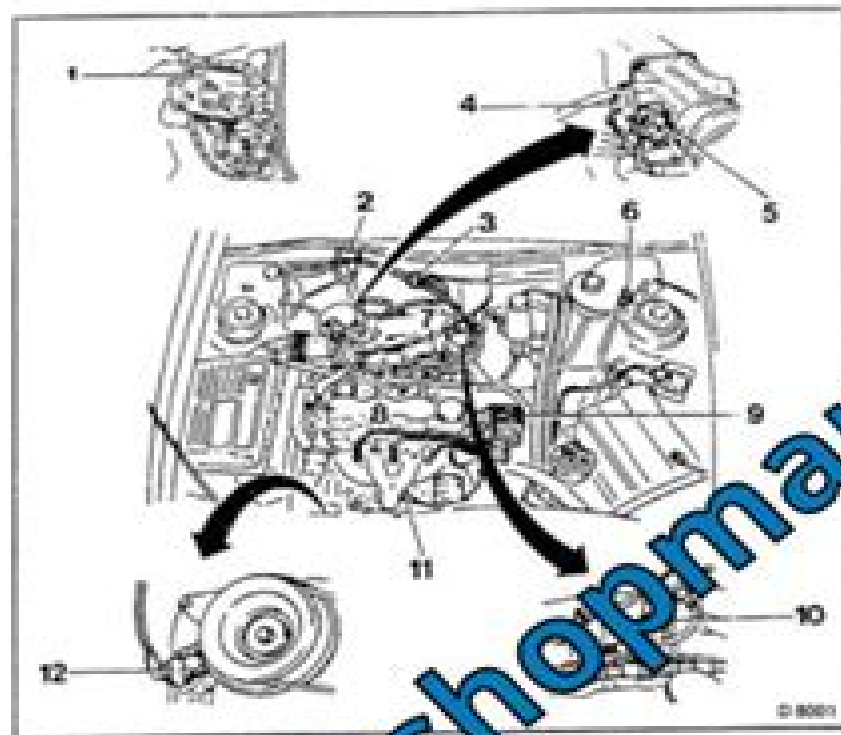


Opel Astra 1992-1998 Workshop Manual



Motronic M 1.5.4

1. Control unit.
2. Intake manifold pressure sensor.
3. Tank vent valve.
4. Throttle valve.
5. Idle speed control motor.

6. Octane number plug.
7. Fuel pressure regulator.
8. Injection valves.
9. Dual spark ignition distributor.
10. Intake air temperature sensor.
11. C.O. Potentiometer.
12. Inductive pulse pick-up.

CLEAN

1. All sealing surfaces.
2. Bore holes in cylinder head bolts.
3. Check cylinder block and cylinder head for plane surfaces.

INSTALL, CONNECT

1. Cylinder head sealing — marking "OBSH/TOP" facing upwards steering side of the engine.

INSTALL, CONNECT

1. Install cylinder head on cylinder block.
2. Adjust hydraulic valve lash adjuster.
3. Secure parts and rocker arm — MoS, screw.
4. Insert camshaft housing — Sealing Compound Loctite 242.

NOTE:

1. Use new cylinder head bolts.
2. Screw in bolts until they rest on cones.

TORQUE — ANGLE METHOD

1. Cylinder head to cylinder block.
2. Tighten cylinder head bolts from inside outwards, in four stages in a spiral pattern — torque wrench and KM-470-B.

Engine	Torque	Further turn angle
1.4 / 1.6 L ₄	22 Nm	60° + 60° + 90°
1.8 / 2.0 L ₄	25 Nm	60° + 60° + 90°

*After test run, turn a further 30° + 15°



Fig. 80

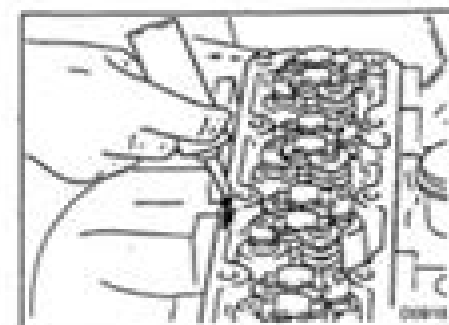


Fig. 81

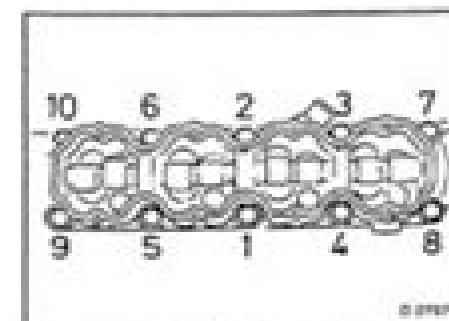


Fig. 82

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Ensheng Dong



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HM Vauxhall Opel Astra and Zafira 1998-00 Haynes, 2001-11-30

Vauxhall/Opel Astra and Zafira Owner's Workshop Manual , 2015-08

Vauxhall Opel Astra Petrol Service & Repair Manual John S. Mead, 2008 This is one in a series of manuals for car or motorcycle owners Each book provides information on routine maintenance and servicing with tasks described and photographed in a step by step sequence so that even a novice can do the work

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Vauxhall Astra Owners Workshop Manual Peter G. Strasman, 1984

Automotive Engineering International , 1998

Vauxhall Astra and Zafira (petrol) A. K. Legg, Martynn Randall, 2001

Moody's Industrial Manual , 1994 Covering New York American regional stock exchanges international companies

Suomalainen kirjallisuus , 1991

Opel Astra Steve Rendle, 1996

The Autocar , 1987

Autocar , 2004

Motor Cycling and Motoring , 1987

Vauxhall/Opel Astra & Zafira Diesel Martynn Randall, Andrew K. Legg, 2001

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