

# 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, measure parts and rocker arm — MoS, check.
3. 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.	22 Nm	60° + 60° + 90°
1.8 / 2.0 L.	25 Nm	60° + 60° + 60°

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



Fig. 80



Fig. 81



Fig. 82

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# Opel Astra 1994 Repair Manual

**Wolfgang Guggemos**

A red circular graphic with a gradient, appearing as a partial circle or a stylized arrow pointing to the right, located to the right of the author's name.

## **Opel Astra 1994 Repair Manual:**

## Unveiling the Power of Verbal Artistry: An Psychological Sojourn through **Opel Astra 1994 Repair Manual**

In a world inundated with monitors and the cacophony of quick connection, the profound energy and psychological resonance of verbal beauty usually diminish into obscurity, eclipsed by the regular onslaught of sound and distractions. Yet, situated within the musical pages of **Opel Astra 1994 Repair Manual**, a charming work of fictional splendor that pulses with natural thoughts, lies an unforgettable journey waiting to be embarked upon. Published with a virtuoso wordsmith, this interesting opus instructions viewers on an emotional odyssey, lightly revealing the latent possible and profound affect stuck within the intricate internet of language. Within the heart-wrenching expanse of the evocative analysis, we shall embark upon an introspective exploration of the book is central styles, dissect its charming writing fashion, and immerse ourselves in the indelible effect it leaves upon the depths of readers souls.

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