

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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Arturo Cuomo



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Table of Contents Opel Astra 1994 Repair Manual

1. Understanding the eBook Opel Astra 1994 Repair Manual
 - The Rise of Digital Reading Opel Astra 1994 Repair Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Opel Astra 1994 Repair Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Opel Astra 1994 Repair Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Opel Astra 1994 Repair Manual
 - Personalized Recommendations
 - Opel Astra 1994 Repair Manual User Reviews and Ratings
 - Opel Astra 1994 Repair Manual and Bestseller Lists
5. Accessing Opel Astra 1994 Repair Manual Free and Paid eBooks
 - Opel Astra 1994 Repair Manual Public Domain eBooks
 - Opel Astra 1994 Repair Manual eBook Subscription Services
 - Opel Astra 1994 Repair Manual Budget-Friendly Options
6. Navigating Opel Astra 1994 Repair Manual eBook Formats

- ePub, PDF, MOBI, and More
- Opel Astra 1994 Repair Manual Compatibility with Devices
- Opel Astra 1994 Repair Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Opel Astra 1994 Repair Manual
 - Highlighting and Note-Taking Opel Astra 1994 Repair Manual
 - Interactive Elements Opel Astra 1994 Repair Manual
- 8. Staying Engaged with Opel Astra 1994 Repair Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Opel Astra 1994 Repair Manual
- 9. Balancing eBooks and Physical Books Opel Astra 1994 Repair Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Opel Astra 1994 Repair Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Opel Astra 1994 Repair Manual
 - Setting Reading Goals Opel Astra 1994 Repair Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Opel Astra 1994 Repair Manual
 - Fact-Checking eBook Content of Opel Astra 1994 Repair Manual
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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