



Water Pump Holding Tool

Vauxhall/Opel 2.2 16v

LASER®

Instructions

4791



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Guarantee



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This Water Pump Holding Tool is specifically designed for removing and refitting the water pump without disturbing the Timing Chain on the 2.2 16v engine fitted to Astra-G, Vectra-B/C, Zafira-A, Signum and VX220.

IMPORTANT

Always refer to the vehicle's work shop manual or service instructions

Instructions

1. Hold the Water Pump sprocket in position using the aperture in the front cover.
2. Remove:
 - a. Upper Timing Cover
 - b. Manifold Heat Shield
 - c. Oxygen Sensor Wiring Harness Plug
 - d. Auxiliary Belt
3. Release water pump drain plug and drain.
4. Disconnect wiring harness plug from temperature sensor and remove water hose from thermostat housing and heater hose from the radiator.
5. Remove from water pump
6. Remove the water pump service hatch
7. Attach the Water pump holding tool with two of the service cover bolts in the outer slotted holes
8. Secure the tool to the water pump sprocket using the 3 internal bolts.
9. Tighten to ensure tool is fitted securely
10. Remove the bolts holding the Water Pump to the sprocket. The engine timing is maintained as the timing chain is securely fixed to the pump sprocket
11. Remove the Water Pump
12. Replace the Water Pump, refit the bolts retaining the pump to the sprocket and remove the holding tool.
13. Re-assemble components in reverse order.

