

Vauxhall Astra 2004-2009 Workshop Manual

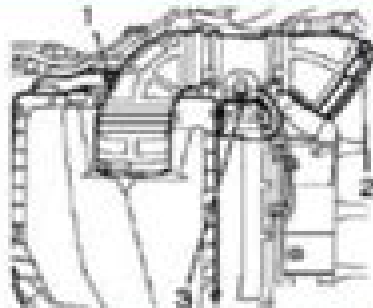


Fig. 2.88. Removing the air filter housing: 1 - the front cover of the toothed belt; 2 - mounting corners; 3 - Latch

Remove the air filter housing with the sensor mass air flow (**Fig. 2.88**).

Simply unplug the wiring harness connector sensor mass air flow.

Release the collar and unscrewing bolts, disconnect the air intake hose (inlet pipe).

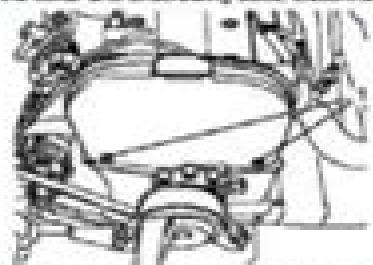


Fig. 2.89. Bolts for fastening the top of the belt toothed belt: 1 - bolts fastening

Loosen the mounting bolts and remove the upper belt toothed belt and the belt rear cover

Test



Fig. 2.90. Crankshaft position sensor (TPC) of the crankshaft: 1 - marks on the crankshaft head; 2 - a label at the crankshaft

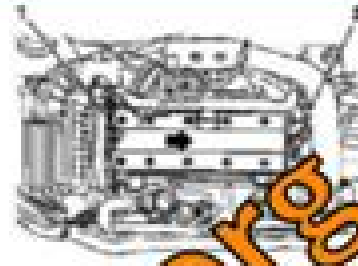


Fig. 2.91. Components affecting in dismantling the ignition module: 1 - ignition module cover; 2 - wiring harness connector ignition module; 3 - a cap

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Loosen the mounting bolts and detach the ignition module from the spark plugs, using a special tool M-1009 (**Fig. 2.92**).

Remove the spark plug using a special tool M-104-B.

Open the throttle, using the device TSCM 2.

Use verification program compression (TSCM 2).

Use a compression tester with a rubber cone and a measurement range up to 1750 kPa (17.5 bar).

Verification procedure

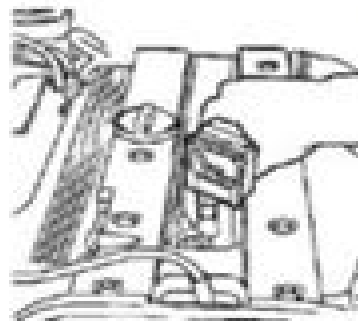


Fig. 2.94. Connecting tester

Connect the tester and turn the starter at the 4 s (**Fig. 2.94**).

NOTE

Use a compression tester with a rubber cone and a measurement range up to 1750 kPa (17.5 bar).

Mk 4 Astra Workshop Manual

Richard Bailey



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Leading experts cover basic concepts assessment instrumentation clinical procedures and professional issues Chapters describe how traditional and cutting edge methods are applied in treatment of a wide range of disorders including headaches temporomandibular disorders essential hypertension pelvic floor disorders attention deficit hyperactivity disorder tinnitus and others Applications for optimizing physical performance among artists and athletes are also reviewed A wealth of information and empirical research is presented in an accessible style including helpful glossaries New to This Edition Incorporates significant technological developments and new research areas Expanded focus on specialized applications such as electroencephalographic EEG biofeedback neurofeedback and heart rate variability biofeedback Chapters on surface electromyography quantitative EEG and consumer products Chapters on cognitive behavioral therapy and relaxation training Chapters on additional clinical problems anxiety disorders asthma work related pain traumatic brain injury autism spectrum disorders and substance use disorders **Whitaker's Cumulative Book List** ,1986

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