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This section explains how to disassemble:

- A) Disassembling the throttle bodies
- B) Disassembling the air intake manifold



A) Disassembling the throttle bodies

1. Detach the clamp (A-Fig. 1) connecting the air intake pipe (B-Fig. 1) to the throttle body (C-Fig. 1).
2. Disconnect the throttle body from the engine by unscrewing the 4 screws (D-Fig. 2) and detaching the connector (E-Fig. 2).



Once the throttle body has been disassembled, it is advisable to replace the gasket on the engine before reassembling the throttle body. Therefore, do not reassemble the throttle body on the same gasket.

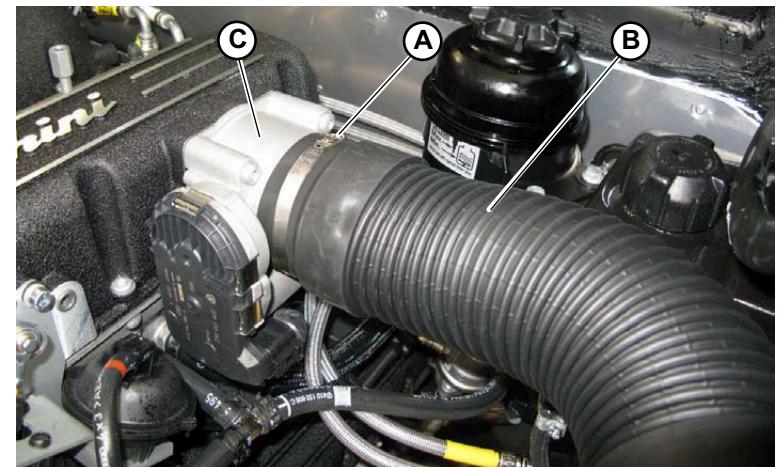


Fig.1

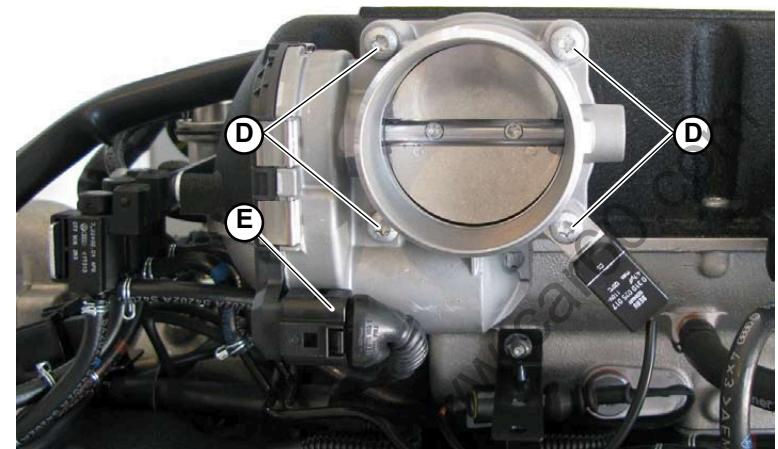


Fig.2

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B) Disassembling the air intake manifold

Preliminary operations

- Disassemble the engine safety cover (081303).
- Disassemble the left side carbon bulkhead (081303).

Manifold disassembly

1. Disconnect the fuel delivery pipes (A-Fig.3).



Fig.3

2. Disconnect the fuel return pipes (B-Fig.4).

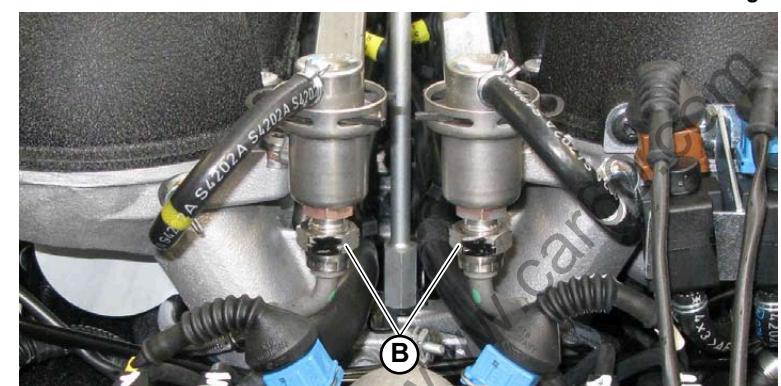


Fig.4

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3. Remove the clamps (C-Fig.5) and disconnect the wiring harness connectors (D-Fig.5) secured onto the rear cross member.
4. Disconnect the air intake pipes (Point A).

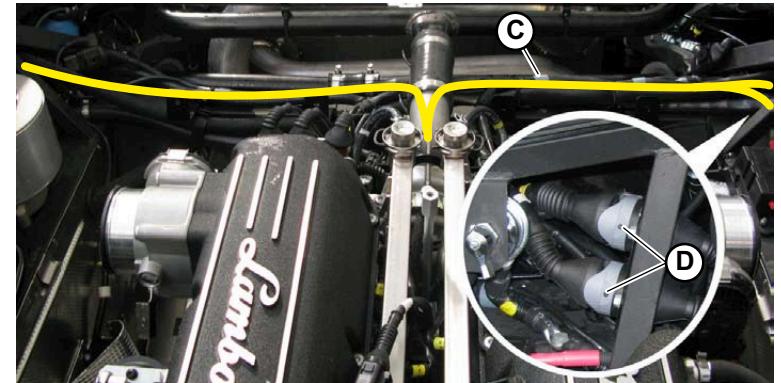


Fig.5

5. Disconnect the coils (E-Fig.6).



Fig.6

6. Disconnect the knock sensors (F-Fig.7) and the respective support (G-Fig.7).
7. Disconnect the variable valve timing pins (H-Fig.7).

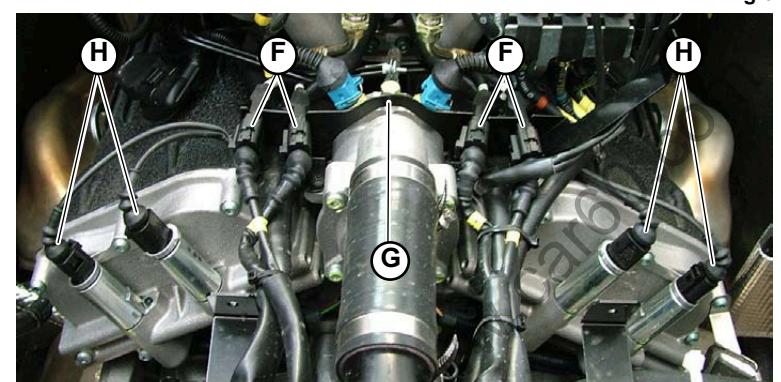


Fig.7



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8. Remove the 2 screws (I-Fig.8) securing the grounds onto the crankcase.

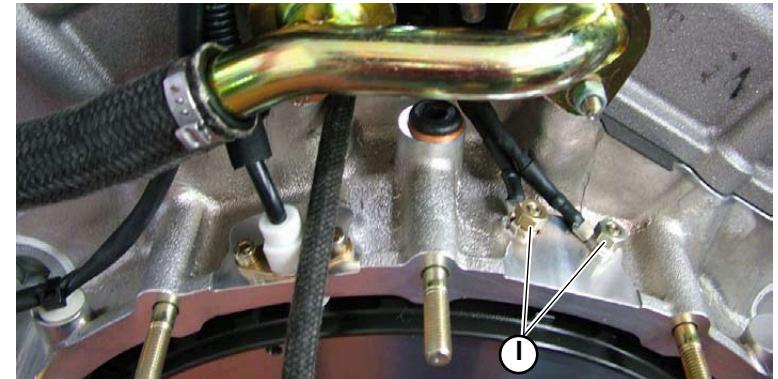


Fig.8

9. Disconnect the pipes connecting the manifold valves (L-Fig.9).

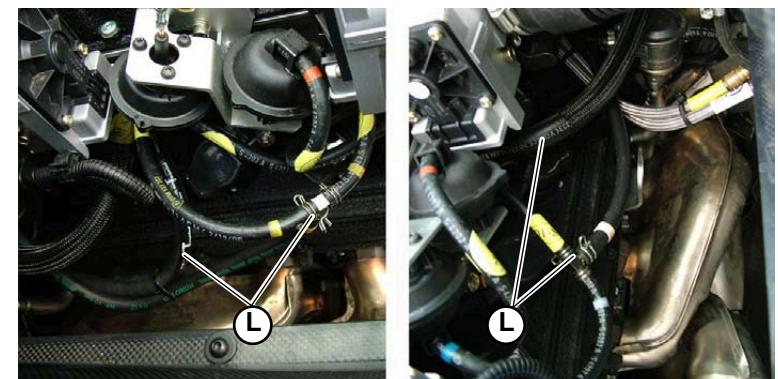


Fig.9

10. Unscrew the 3 center screws (M-Fig.10).

11. Remove the air intake manifold.



Fig.10