

Intake Manifold, Remove and Install



Remove

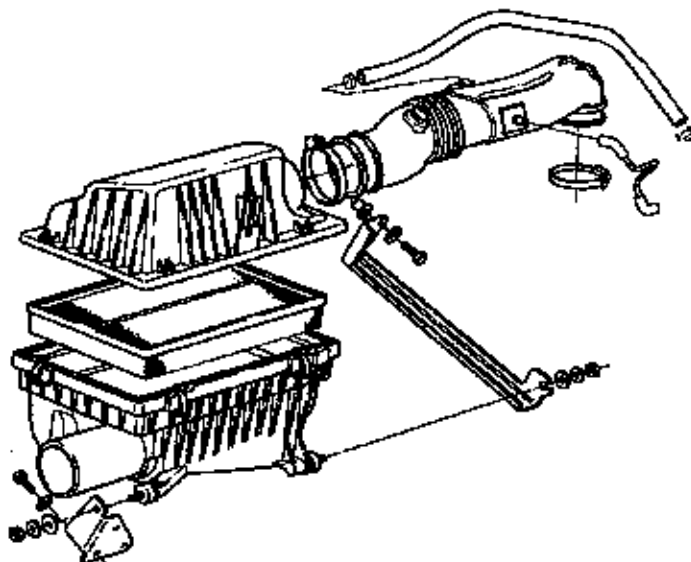
Wiring harness connector from intake air temperature sensor.

Crankcase breather hose from intake hose.

Vacuum hose from intake hose.

Intake hose from throttle valve housing.

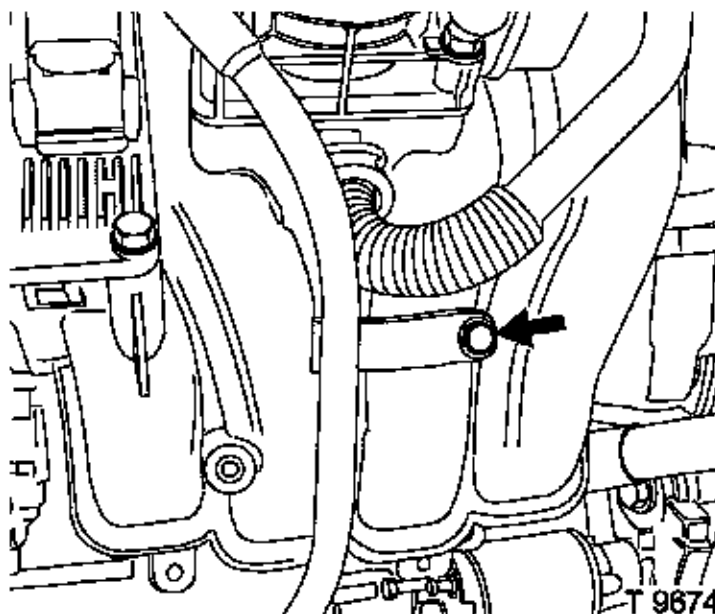
Cover with intake lines from air cleaner housing – clips.



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Oil dipstick from guide tube.

Guide tube from intake manifold – bolt (arrow).

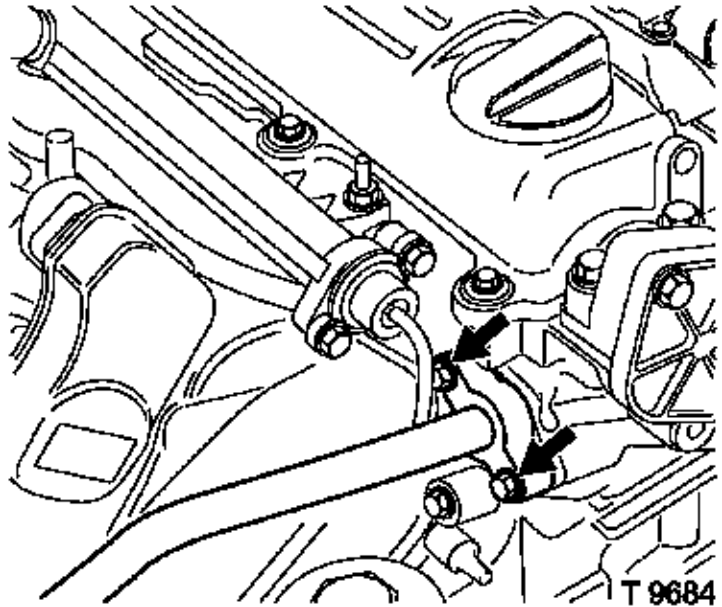


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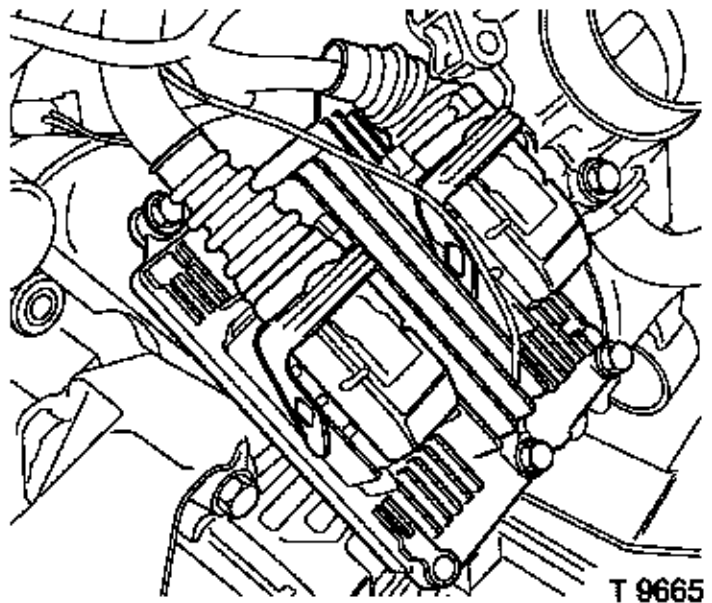
Exhaust gas recirculation line from cylinder head – bolts (arrow).

Fuel vapour line from the intake manifold.

Wiring harness connector from intake manifold absolute pressure sensor.



Engine control unit – see operation "Engine Control Unit, Remove and Install".



Wiring harness connector from injectors.

Knock sensor wiring harness connector from intake manifold.

Intake manifold from cylinder head – nuts.



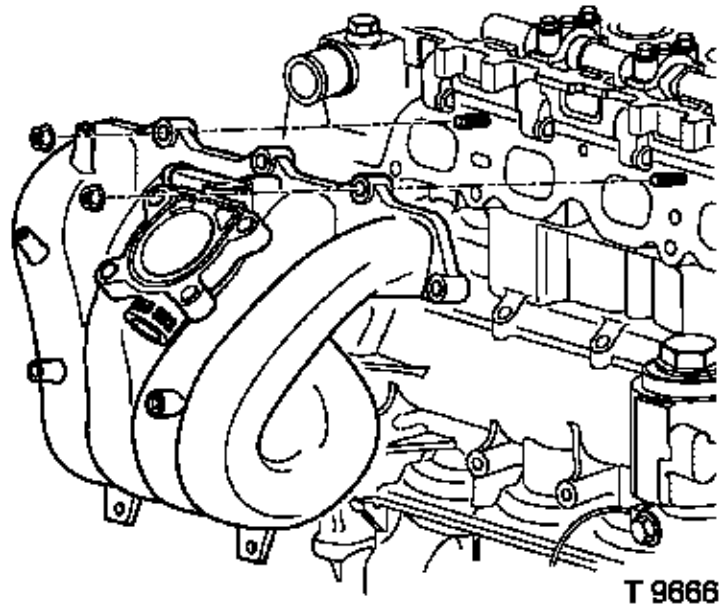
Install

Intake manifold to cylinder head – nuts **10 Nm**, use new gaskets.

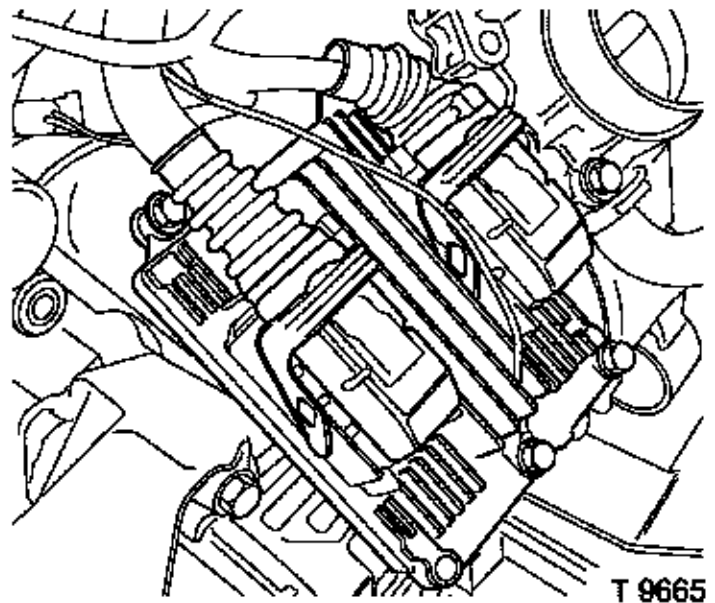
Knock sensor wiring harness connector to

intake manifold.

Wiring harness connector to injectors.



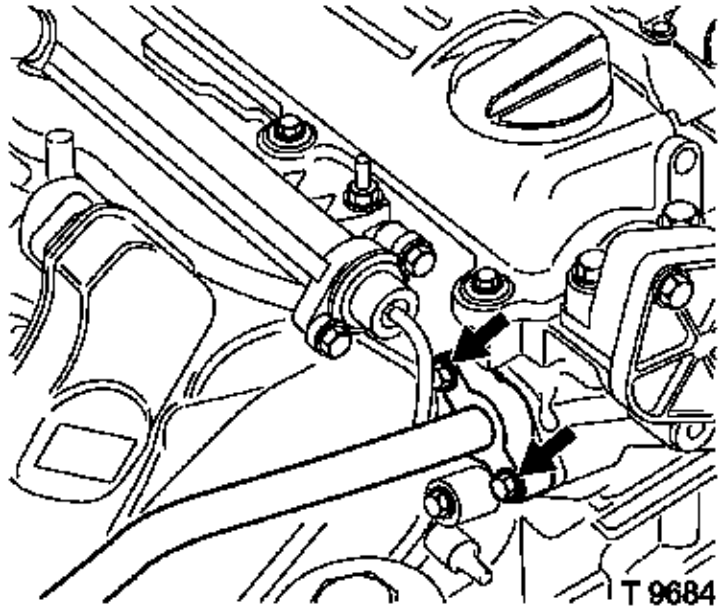
Engine control unit – see operation "Engine Control Unit, Remove and Install".



Wiring harness connector to intake manifold absolute pressure sensor.

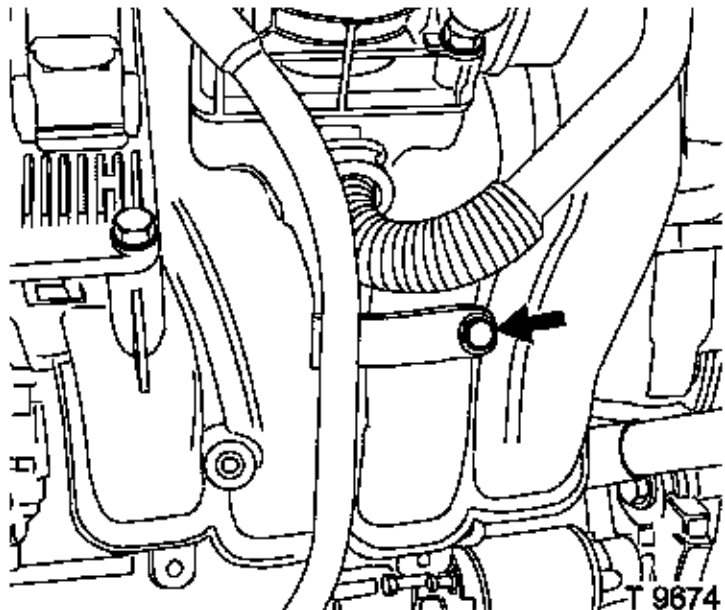
Fuel vapour line to the intake manifold.

Exhaust gas recirculation line to cylinder head
– bolts (arrow).



Guide tube to intake manifold – bolt (arrow) **10 Nm.**

Oil dipstick into guide tube.



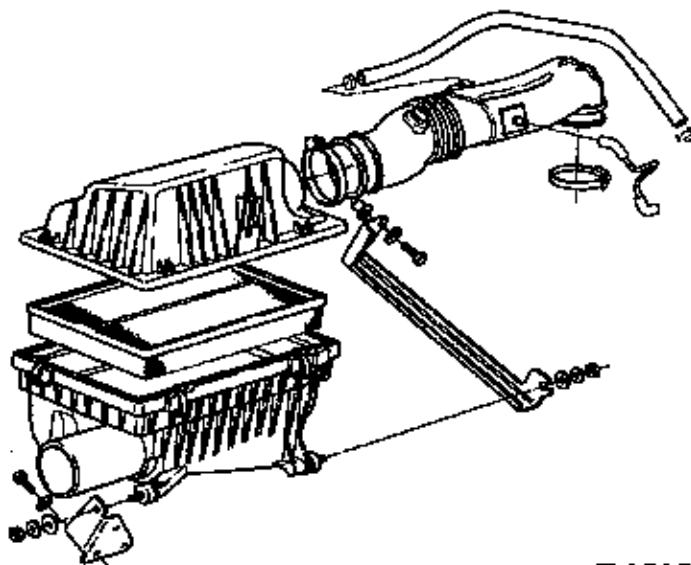
Cover with intake lines to air cleaner housing – clips

Air intake hose to throttle valve housing.

Vacuum hose to intake hose.

Breather hose to intake hose.

Wiring harness connector to intake air temperature sensor



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