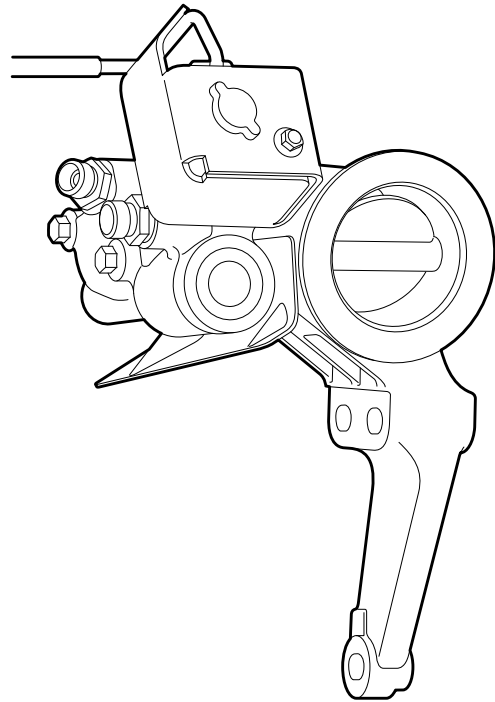


## EGR valve

The EGR valve is operated via an electrohydraulic actuator. When the EGR valve actuator receives an electrical signal from the PMCI-2 unit, a solenoid valve opens the oil connection. When this oil connection is open, oil can flow from the main lubricating oil channel of the engine to the EGR valve actuator. The actuator opens the EGR valve. There is a position feedback to the PMCI-2 unit via the position sensor that is mounted on the valve. The EGR valve is an open or close valve. When the EGR valve is (partly) open, exhaust gas flows from the hot side of the engine, through the EGR cooler and the venturi, into the intake manifold. In conditions that do not require the use of the EGR system, the EGR valve is closed and no exhaust gas can flow into the intake manifold.



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M027492 - 02.19.2010

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