Engine Management Actuators
Overview, features and benefits

Function
- Engine management actuators are the devices that implement physical movement in order to make changes to engine running parameters.
- They control different areas around the engine, for example:
  - Adjust engine idle speed
  - Operate the throttle butterfly to change engine speed
  - Solenoid valves to operate various emission control systems

Product Range & Terms
- Idle actuator, idle valve, idle actuator, idle control valve, stepper motor, idle bypass valve, auxiliary air valve
- Throttle housing
- Canister purge valve, carbon canister, EVAP system
- Camshaft controller
- Secondary air pump

Bosch Engine Management Actuators
Bosch has a diverse range of quality engine management actuators ensuring long service life and accurate operation. In simple terms, actuators are the components that the ECU controls to make physical changes to the running of the engine. This can be in the form of rotational, angular or linear movements of any number of devices.

Original equipment product
Provides optimal engine performance, emissions and fuel economy

Vital components, without which, the engine could not run efficiently or conform to emission requirements

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