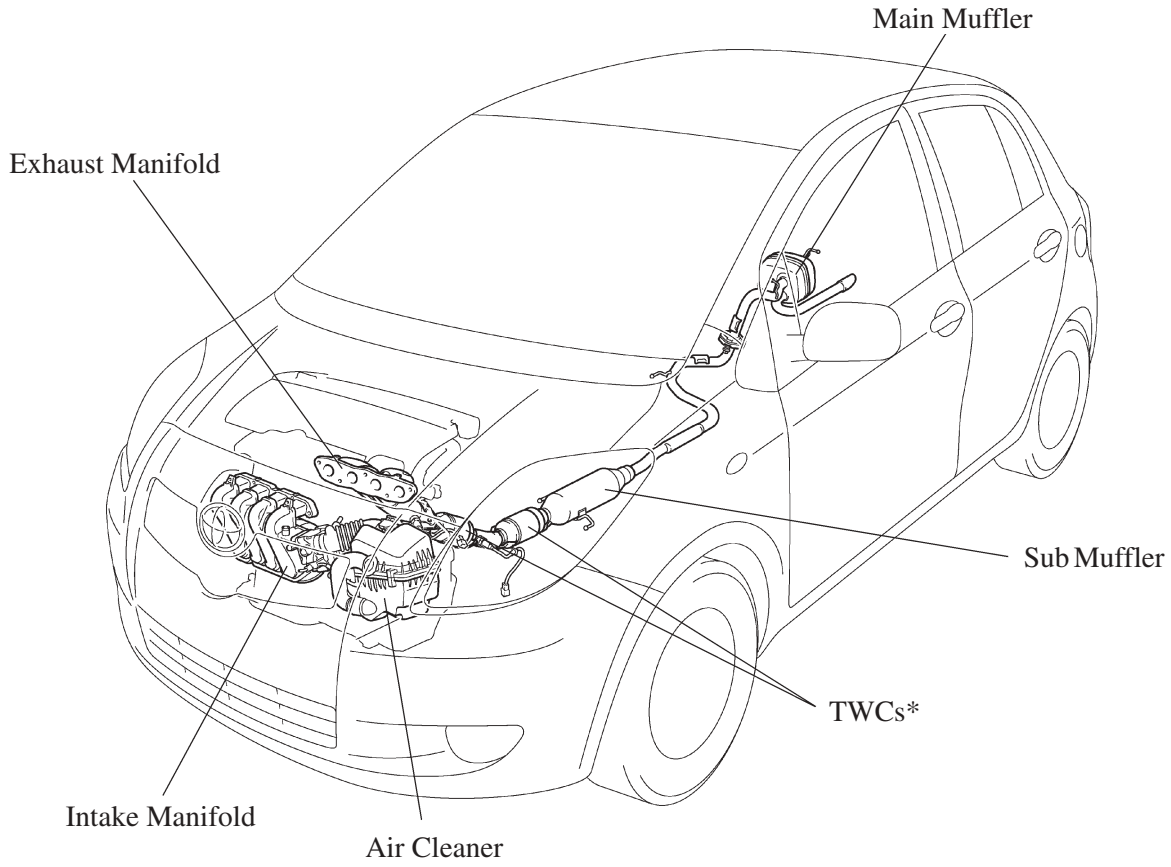
■INTAKE AND EXHAUST SYSTEM

1. General

- A plastic intake manifold is used for weight reduction.
- The linkless-type throttle body is used and it realizes excellent throttle control.
- ETCS-i (Electronic Throttle Control System-intelligent) provides excellent throttle control. For details, see page EG-133.
- A stainless steel exhaust manifold and exhaust pipe are used for weight reduction and rust resistance.
- Two TWCs (Three-Way Catalytic converters) are used in the exhaust pipe of the unleaded gasoline models.

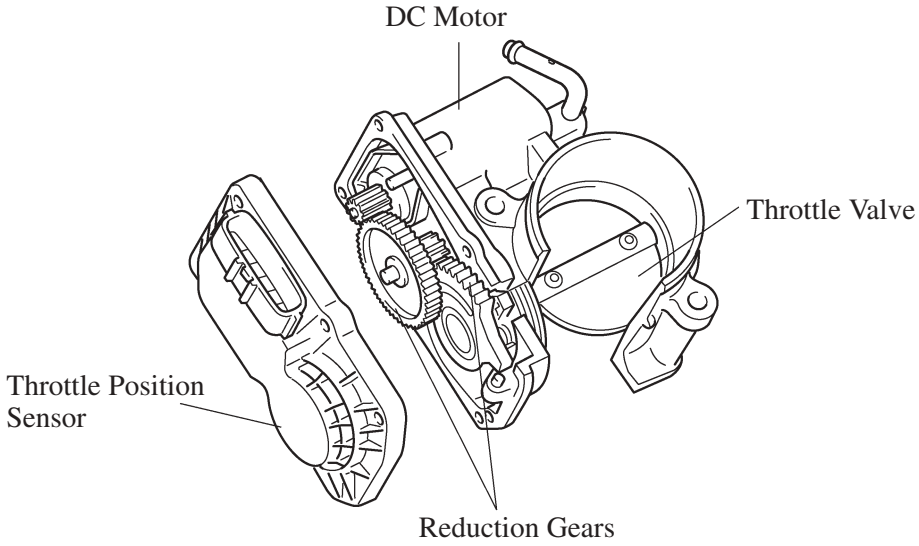


Hatchback Models 00REG06Y

*: Unleaded Gasoline Models

2. Throttle Body

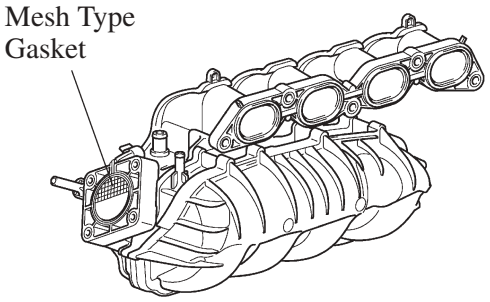
- A DC motor with excellent response and minimal power consumption is used for the throttle control motor. The engine ECU performs the duty ratio control of the direction and the amperage of the current that flows to the throttle control motor in order to regulate the opening angle of the throttle valve.
- The linkless-type throttle body is used and it realizes excellent throttle control.



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3. Intake Manifold

- The intake manifold has been made of plastic to reduce the weight and the amount of heat transferred from the cylinder head. As a result, it has become possible to reduce the intake temperature and achieve the high intake volumetric efficiency.
- A mesh type gasket is used, in order to reduce the intake noise.

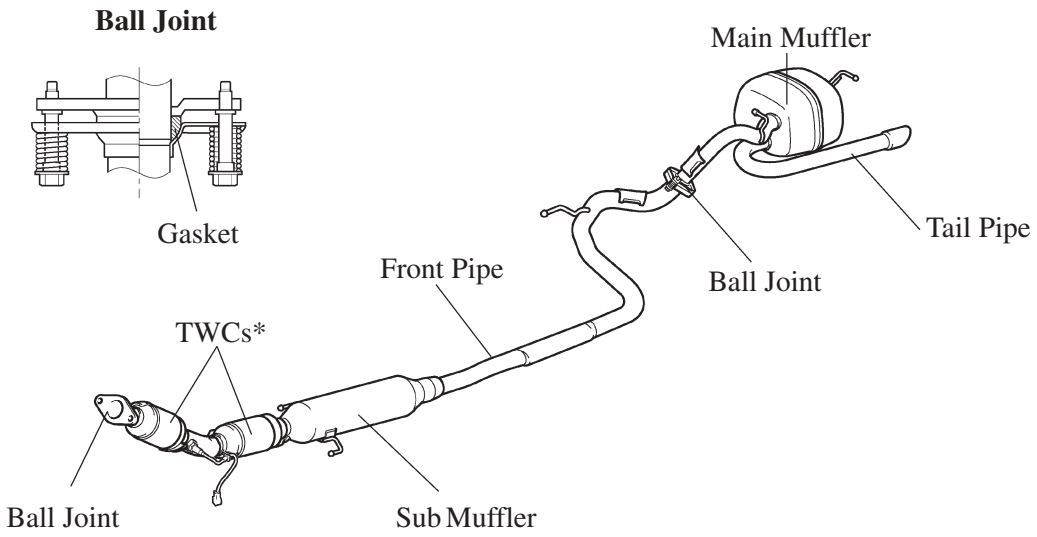


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4. Exhaust Pipe and Muffler

Ball joints are used to joint the exhaust manifold to the exhaust front pipe, and the exhaust front pipe the exhaust tail pipe. As a result, a simple construction and high reliability have been realized.

▶ Unleaded Model ◀



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*: Unleaded Gasoline Models