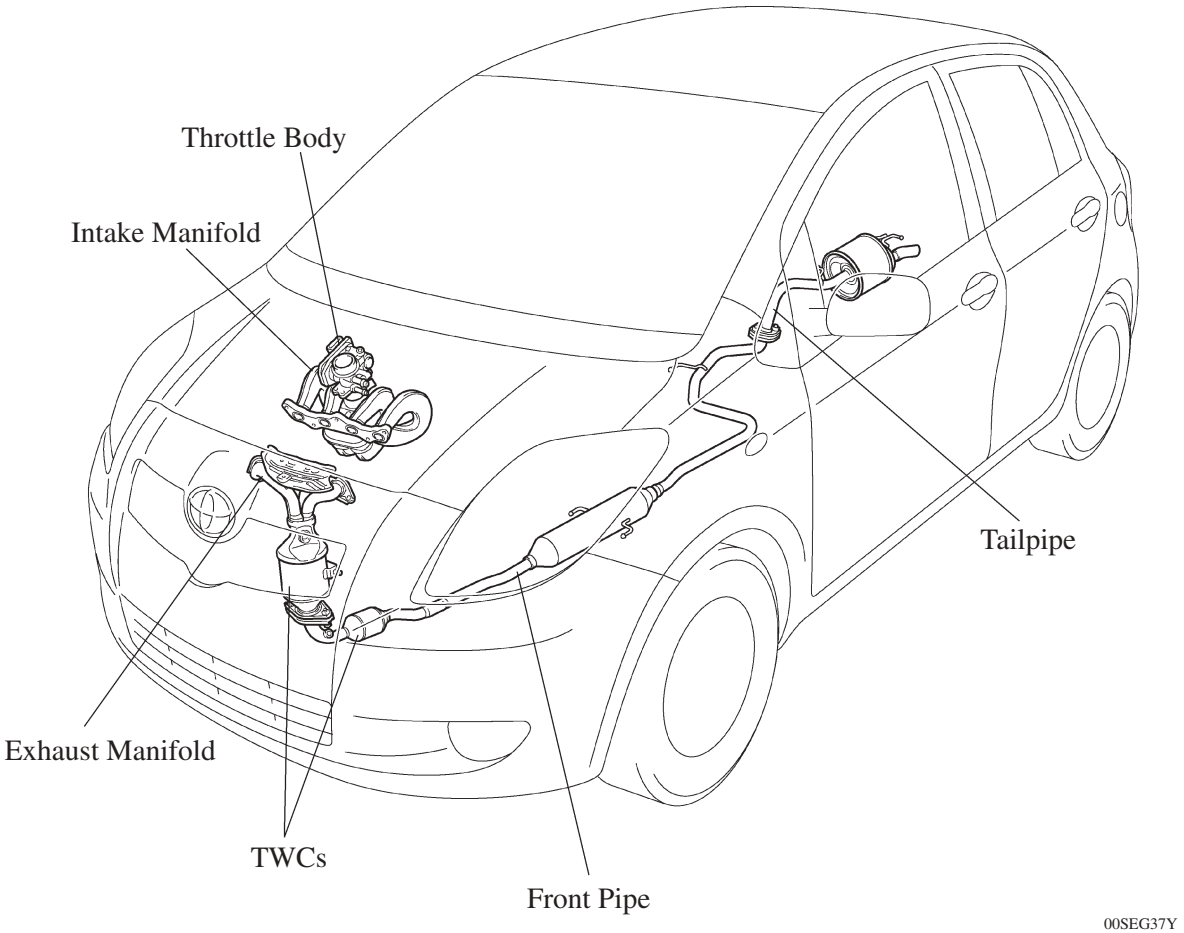
■INTAKE AND EXHAUST SYSTEM

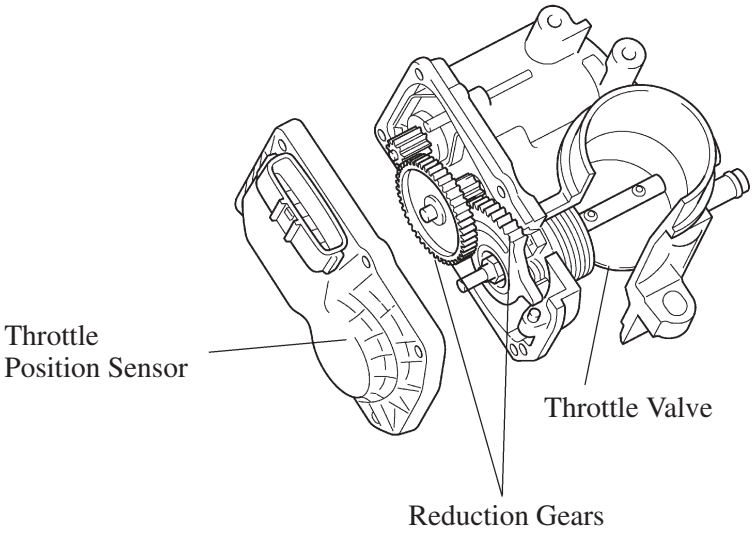
1. General

- The ETCS-i (Electronic Throttle Control System-intelligent) provides excellent throttle control. For details of ETCS-i control, see page EG-95.
- The linkless type throttle body is used.
- A plastic intake manifold is used for weight reduction.
- A stainless steel exhaust manifold is used for weight reduction.
- The exhaust pipe uses two ball joints in order to achieve a simple construction and reliability.
- A TWC (Three-Way Catalytic converter) has been integrated into the exhaust manifold.
- A TWC has been integrated into the front pipe.



2. Throttle Body

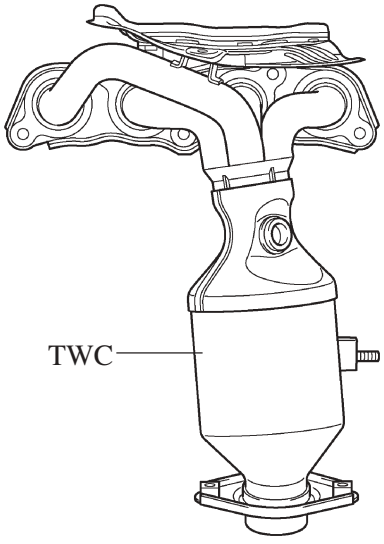
- The linkless type throttle body is used and it realizes excellent throttle control.
- A DC motor with excellent response and minimal power consumption is used for the throttle control motor. The engine ECU performs the duty ratio control of the direction and the amperage of the current that flows to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



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3. Exhaust Manifold

The TWC (Three-Way Catalytic converter) is integrated into exhaust manifold to ensure proper warm-up performance.



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4. Exhaust Pipe

- A TWC has been provided in the front pipe.
- Ball joints are used to join the exhaust manifold to the front pipe, and the front pipe to the tailpipe. As a result, a simple construction and high reliability have been realized.

