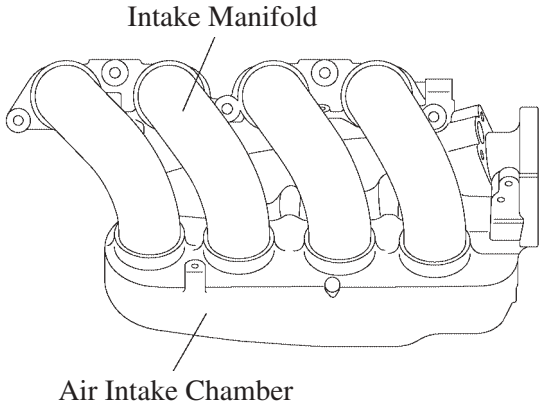
■INTAKE AND EXHAUST SYSTEM

1. Intake Manifold

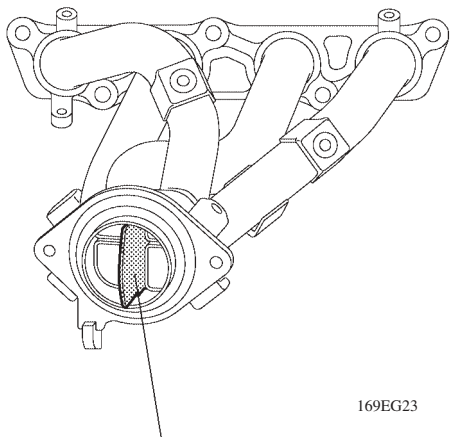
The aluminum pipe intake manifold and aluminum die-cast air intake chamber have been welded together for weight reduction.



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2. Exhaust Manifold

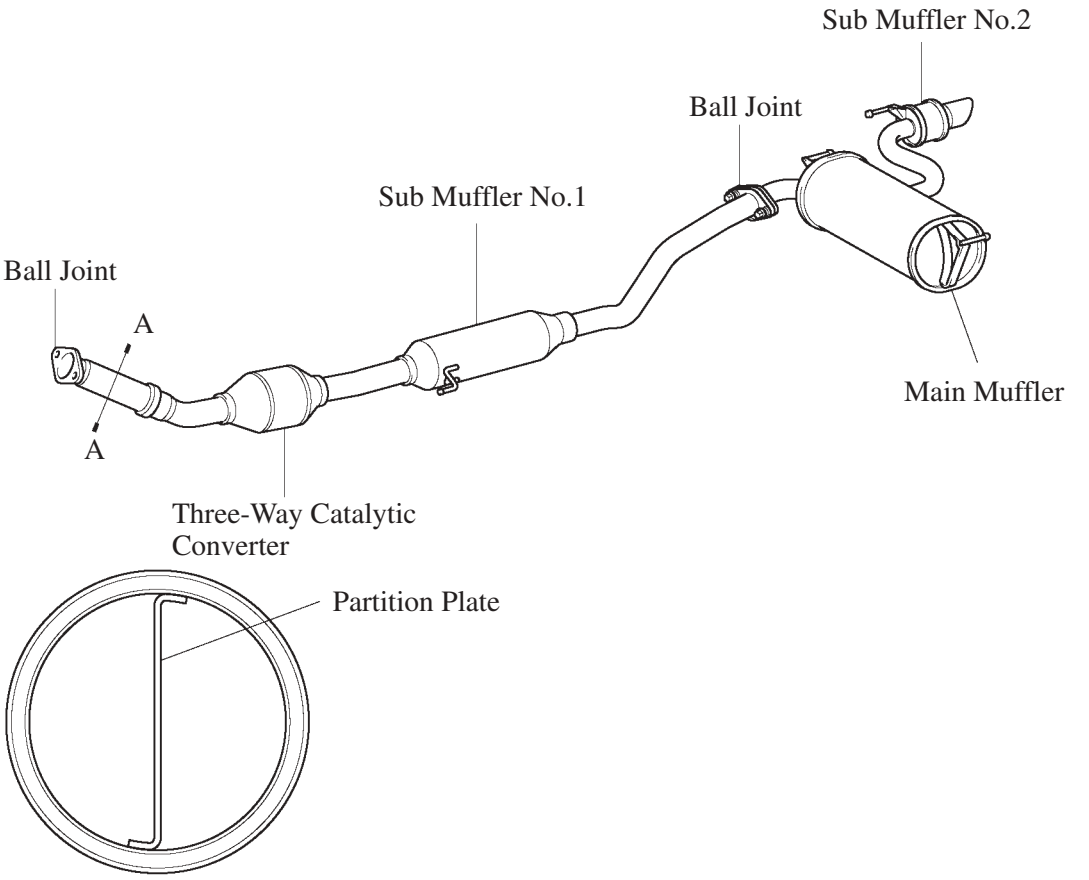
- A stainless steel exhaust manifold is used for weight reduction.
- By routing the exhaust rearward, the front exhaust pipe has been shortened and the warm-up performance of the TWC (Three-Way Catalytic Converter) has been improved.
- To accommodate the output characteristics of the 2ZZ-GE engine, a partition plate has been provided in the exhaust manifold. Together with the exhaust front pipe, a dual construction has been achieved to improve torque in the low-to mid-speed range.



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3. Exhaust Pipe and Muffler

To accommodate the output characteristics of the 2ZZ-GE engine, the exhaust manifold has adopted a dual construction through the use of a partition plate inside the front portion of the exhaust front pipe in order to improve torque in the low-to mid-speed range.



A – A Cross Section

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