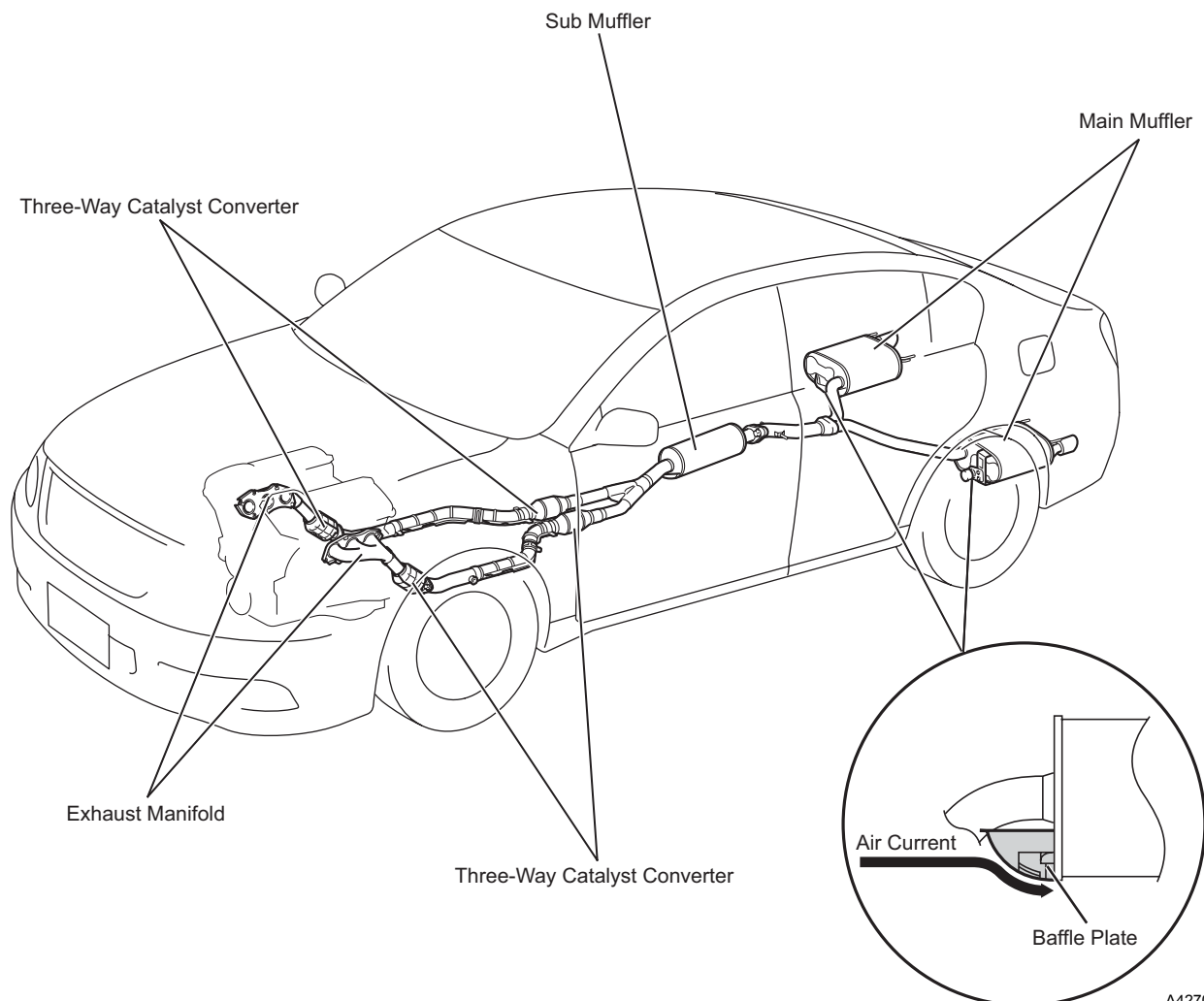


3GR-FSE EXHAUST

General

EG

- The entire exhaust system from the exhaust manifold to the tail pipe is made of stainless steel to realize weight reduction and improve corrosion resistance.
- Three-way catalysts are placed directly below the exhaust manifold and in the front pipes to ensure ample emission reduction performance, in order to comply with the Step IV European Tailpipe Emission Regulations.
- An exhaust manifold with a built-in Three-way catalyst Converter is placed directly below each bank of the engine to ensure low exhaust emissions immediately after the engine is started.
- The exhaust pipe diameter has been optimized to reduce exhaust loss and optimize engine power output.
- A baffle plate is provided in front of the main muffler to straighten the airflow under the floor, thus improving dynamic performance.
- An air-fuel ratio sensor is provided upstream of the Three-way catalyst Converter in each exhaust manifold. A heated oxygen sensor is provided downstream of the Three-way catalyst Converter in each exhaust manifold. These sensors enable precise control of the air-fuel ratio.



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