

A Thermoelectric generator with an intermediate heat exchanger for automotive wasted heat recovery system

Poster Location P-20

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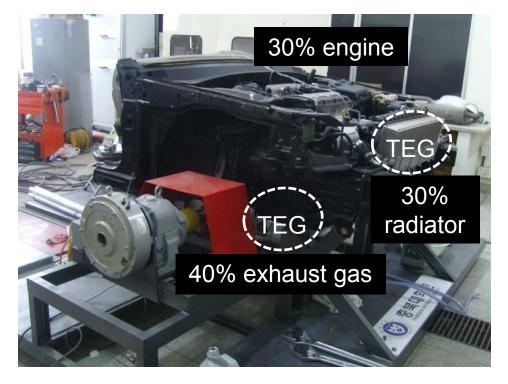
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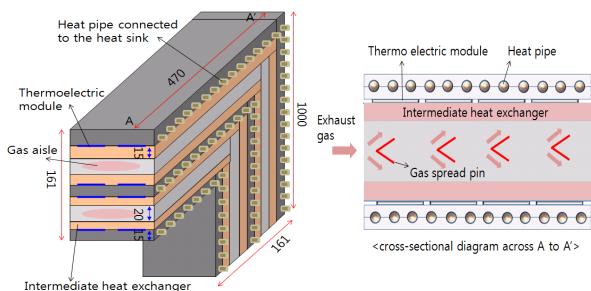


- Developing 1kW TEG using an wasted heat from exhaust gas
 - Design Optimization & Performance Analyses for Integrated TE System
- The TEG replacing the alternator of conventional ICEV's.



to maintain temperature

Proposed TEG





<Proposed design of TEG>

<Manufactured TEG>

- The number of thermoelectric module attached on TEG is 232
- Each module will generate about 5W at vehicle driving condition.

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