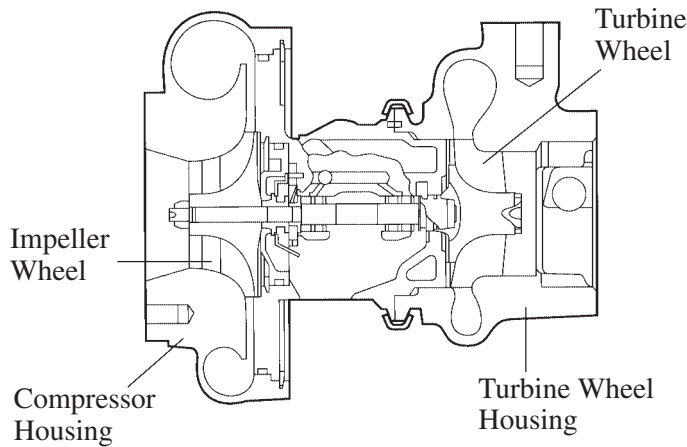


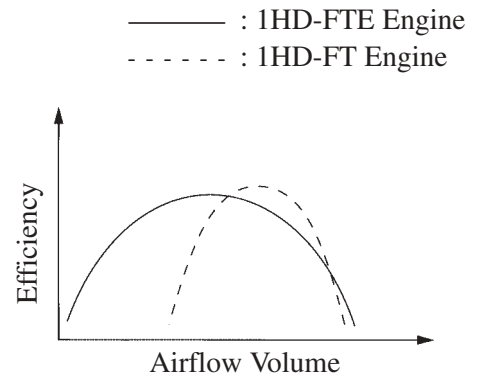
## ■ TURBOCHARGER SYSTEM

### 1. Turbocharger

In place of the previous turbocharger, a compact and lightweight turbocharger that achieves a wide range of high-efficiency region has been adopted.



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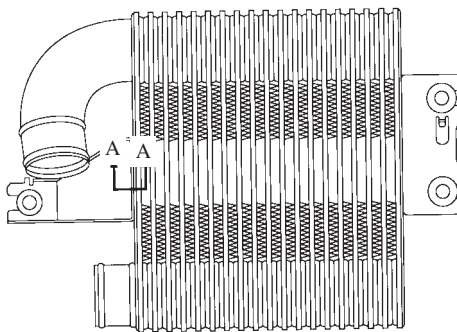
Conceptual Drawing

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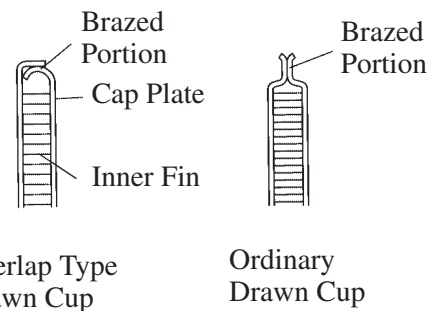
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### 2. Intercooler

- An air-cooled type intercooler has been adopted to lower the intake air temperature. As a result, the volumetric efficiency has been improved to enhance the engine performance and reduce exhaust emissions.
- Through the adoption of an overlap type drawn cup, a high-density core, and optimally shaped fins, the intercooler has been made more compact and lightweight while ensuring ample heat dissipating performance.



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A – A' Cross Section

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### – REFERENCE –

#### Overlap Type Drawn Cup

It is a type of cup in which the vertical surface of the cup plate is brazed in order to effectively utilize the brazed portion between the cup plates that ordinarily remains a dead space.