## ■CHARGING SYSTEM

### 1. General

- On the TMMF models, a conventional type alternator is used.
- On the TMC models, a segment conductor type alternator is used.

**▶ Specifications ◀**

| Model | TMMF models | | TMC models |
|---|---|---|---|
| | Standard | Option | |
| Type | LIP2 | LIP2+ | SE08 |
| Supplier | BOSCH | BOSCH | DENSO |
| Rated Voltage | 12 V | 12 V | 12 V |
| Rated Output | 80 A | 90 A | 80 A |
| Initial Output Starting Speed | Max. 1370 rpm | Max. 1370 rpm | Max. 1250 rpm |

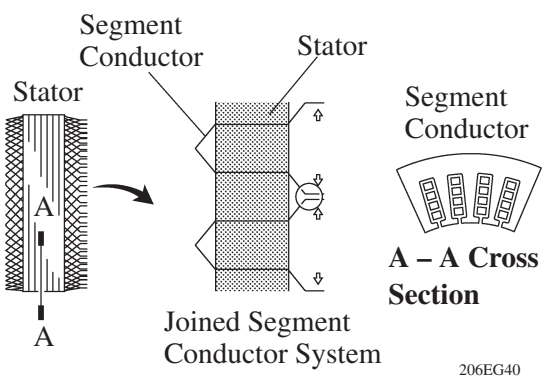
### 2. Segment Conductor Type Alternator (TMC Models)

#### General

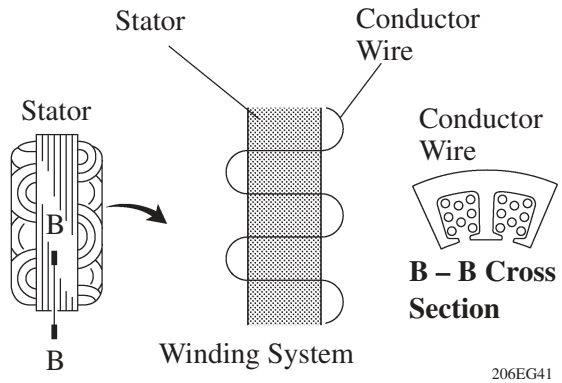
A compact and lightweight segment conductor type alternator that generates high voltage output in a highly efficient manner is used.

## Construction and Operation

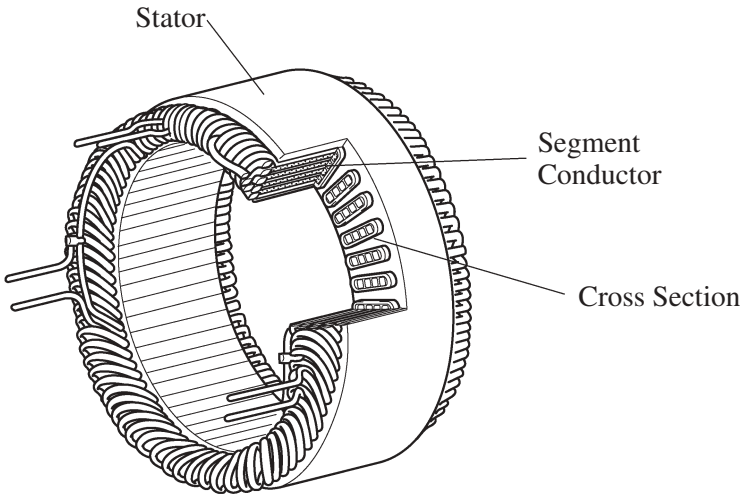
This alternator has a joined segment conductor system in which multiple segment conductors are welded together to form the stator. Compared to the conventional winding system, the electrical resistance is reduced due to the shape of the segment conductors, and their arrangement helps to make the alternator compact.




**Segment Conductor Alternator**




**Conventional Type Alternator**




### ▶ Wiring Diagram ◀

