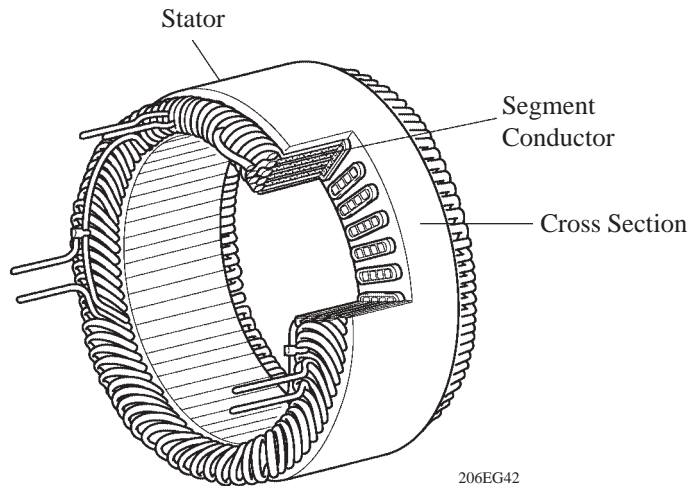
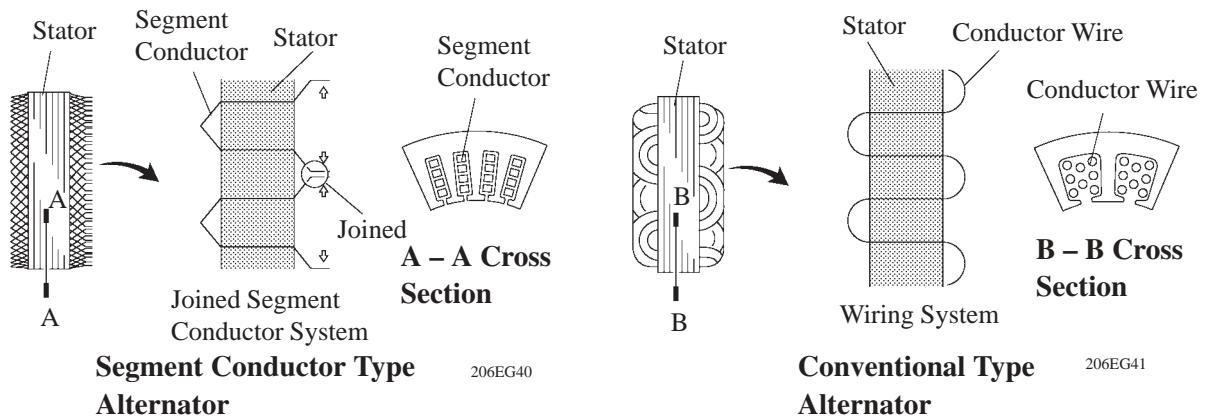


5. Charging System

General

- Instead of the conventional type alternator, a compact and lightweight segment conductor type alternator has been adopted for 1AZ-FE engine model. This type of alternator generates high amperage output in a highly efficient manner.
- 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 more compact.

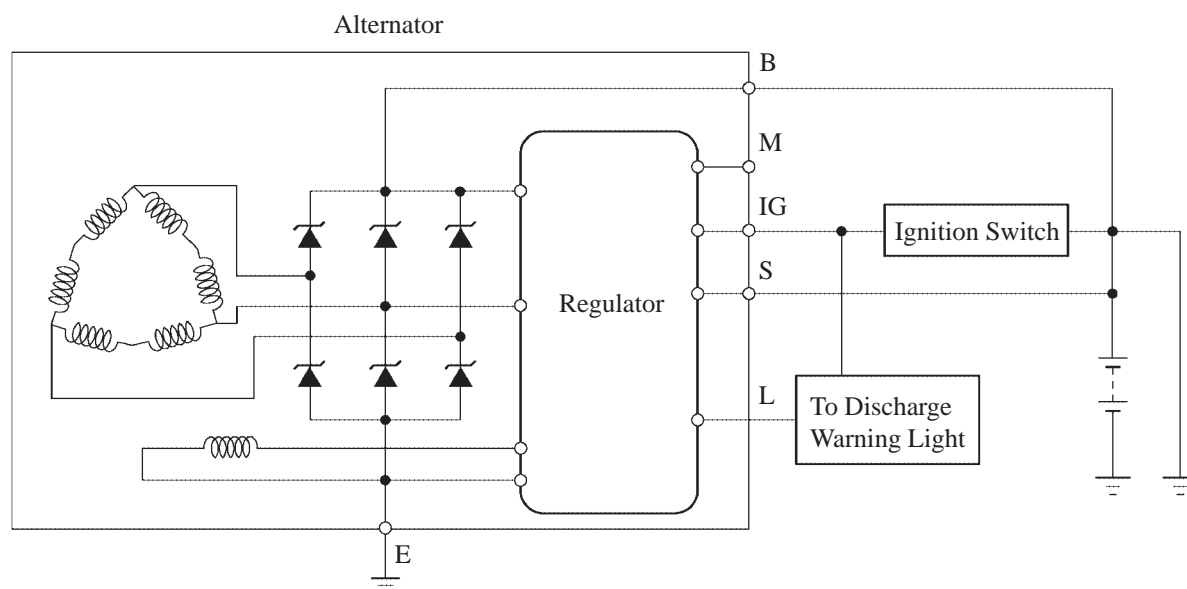


Stator of Segment Conductor Type Alternator

► Specifications ◀

Type	Segment Conductor (SE0)
Rated Voltage	12 V
Output Rated	100 A
Initial Output Starting Speed	1500 rpm Max.

► Wiring Diagram ◀



251EG03