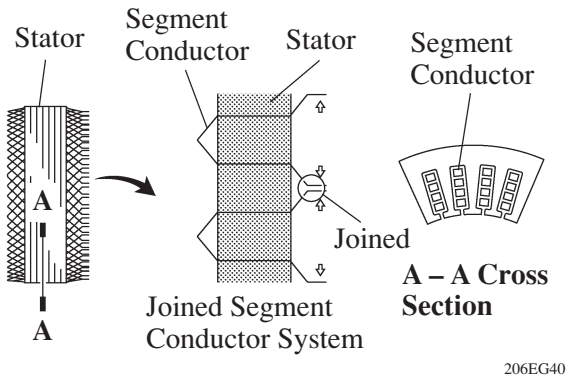
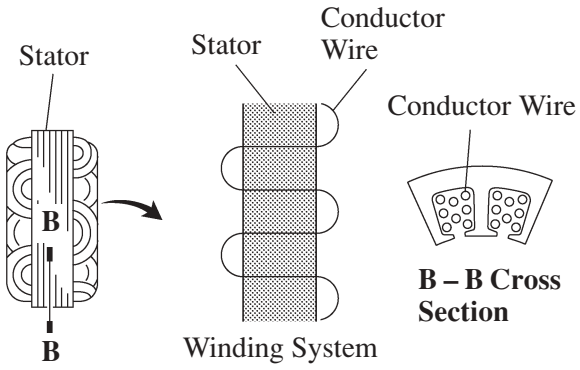
■CHARGING SYSTEM

1. Segment Conductor Type Alternator

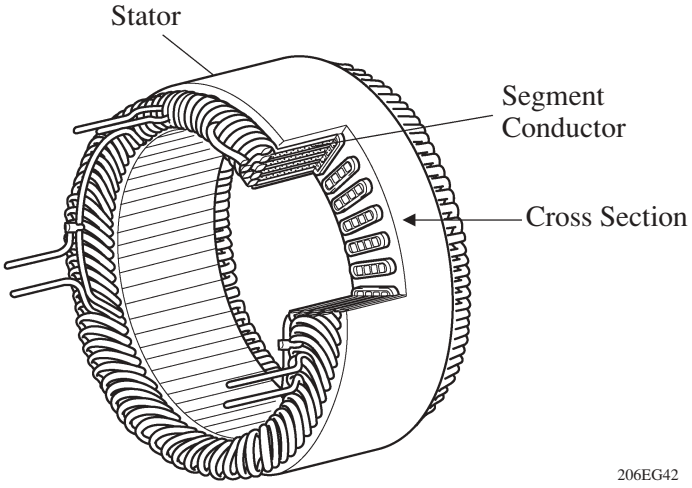
- A compact and lightweight segment conductor type alternator that generates high amperage output in a highly efficient manner is used.
- This alternator has a joined segment conductor system in which multiple segment conductors are welded together to form the stator. Compared to the conventional winding 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 Type Alternator



Conventional Type Alternator

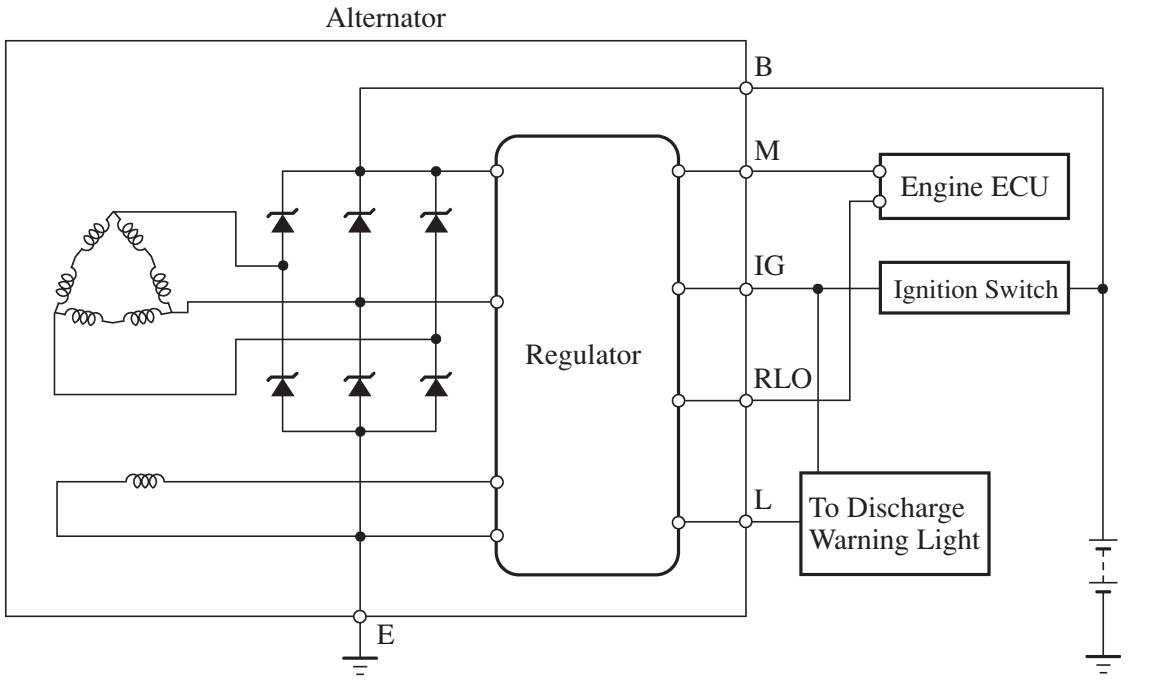


Stator of Segment Conductor Type Alternator

▶ Specifications ◀

Type	SE0
Rated Voltage	12 V
Rated Output	100 A
Initial Output Starting Speed	Max. 1,500 rpm

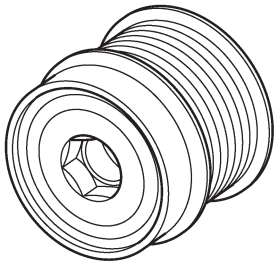
▶ Wiring Diagram ◀



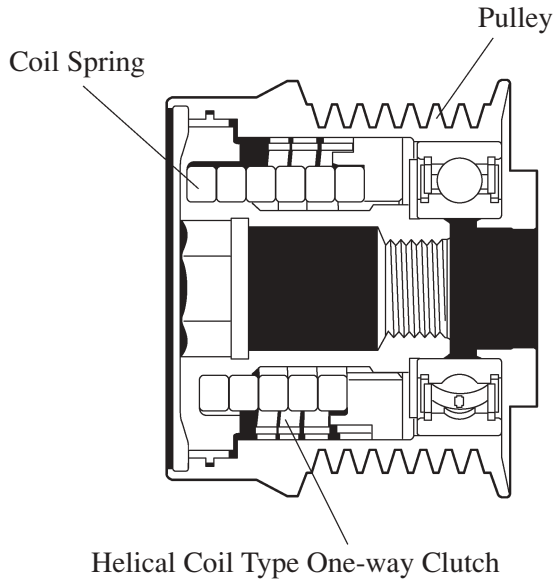
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2. Alternator Pulley (For 2AZ-FE Engine)

- A helical coil type one-way clutch is used on the alternator pulley in order to reduce the load that acts on the auxiliary equipment belt.
- The pulley mounting nut and the alternator pulley have been integrated to achieve a compact construction.



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