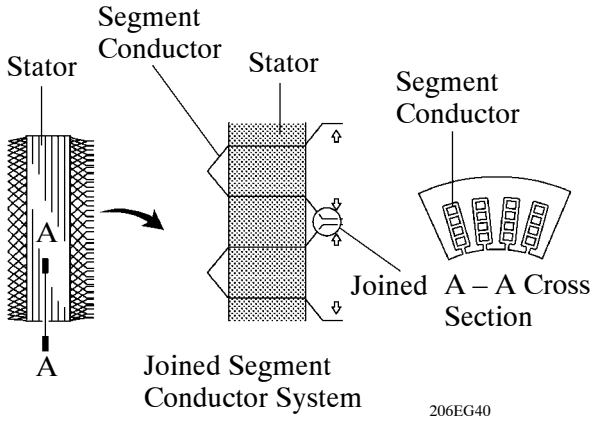
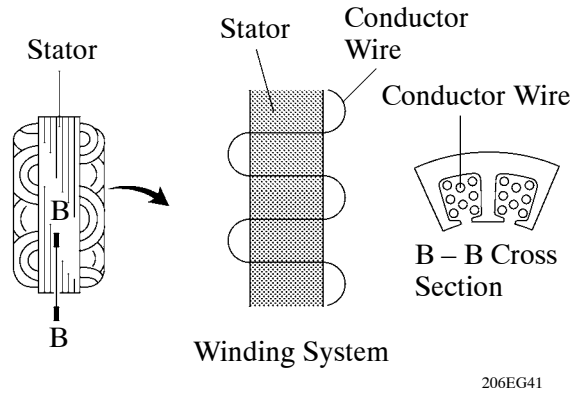
11. Charging System

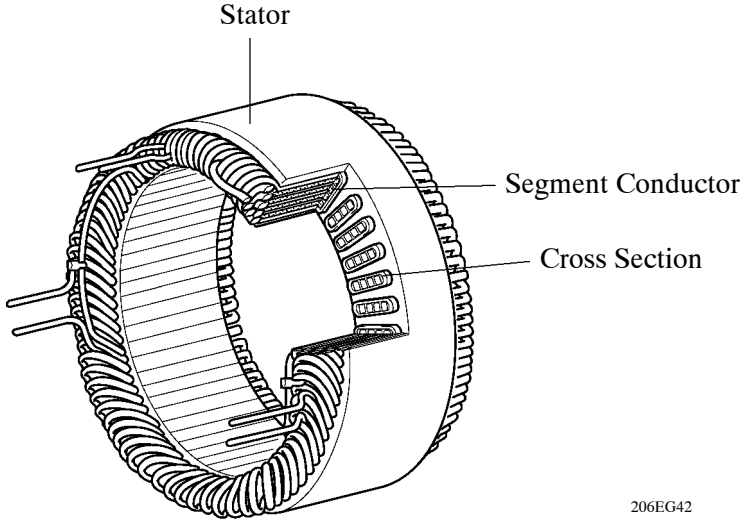
- Instead of the conventional type alternator, a compact and lightweight segment conductor type alternator is used. This type of alternator generates a high amperage output in a highly efficient manner.
- This alternator has a joined segment conductor system in which multiple segment conductors are welded 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 compact.



Segment Conductor Type Alternator



Conventional Type Alternator

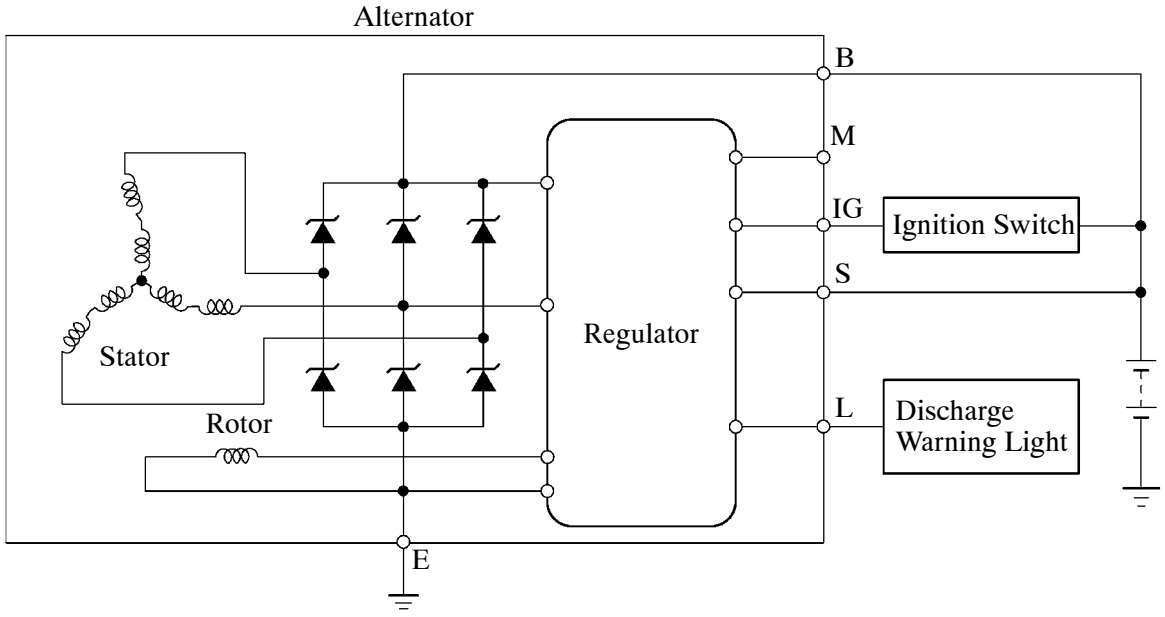


Stator of Segment Conductor Type Alternator

▶ Specification ◀

Type	SE08
Rated Voltage	12 V
Rated Output	80 A
Initial Output Stating Speed	Max. 1,250 rpm

▶ Wiring Diagram ◀



12. Starting System

The conventional planetary reduction type starter is used.

▶ Specifications ◀

Rated Output	1.4 kW
Rated Voltage	12 V
Length*1 mm (in.)	155.3 (6.1)
Weight g (lb)	3650 (8.0)
Rotational Direction*2	Clockwise

*1: Length from the mounted area to the rear end of the starter.
*2: Viewed from pinion side.