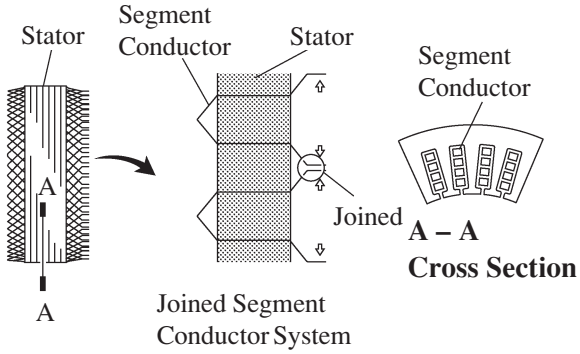
■CHARGING SYSTEM

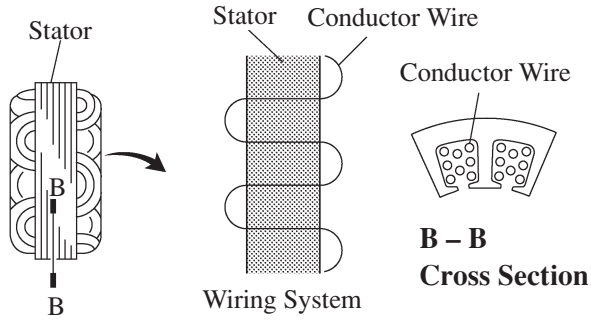
Alternator

- A compact and lightweight Segment Conductor type alternator that generates high amperage output in a highly efficient manner has been adopted on standard equipment.
- 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.



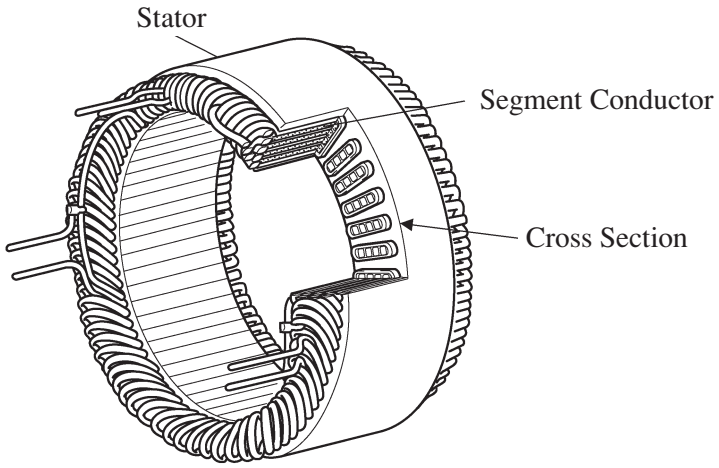
Segment Conductor Type Alternator

206EG40



Conventional Type Alternator

206EG41



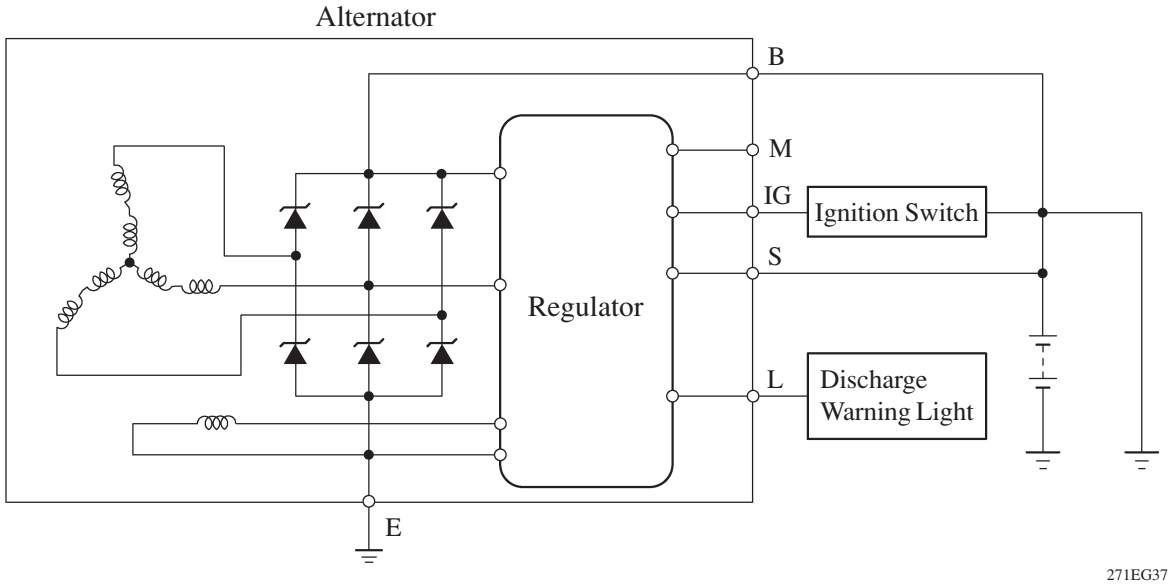
Stator of Segment Conductor Type Alternator

206EG42

▶ Specifications ◀

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

▶ Wiring Diagram ◀



Service Tip

Although the charging circuit of a conventional alternator is checked through the F terminal, this check cannot be performed on the Segment Conductor type alternator through the use of the F terminal because the F terminal has been eliminated. For details, refer to the Hilux Repair Manual.