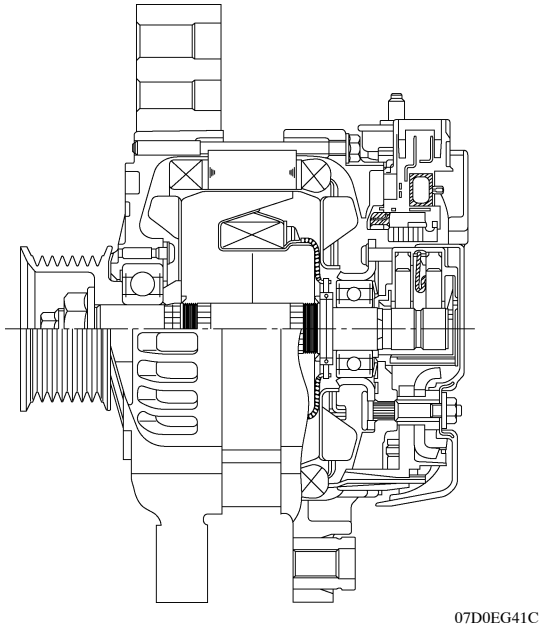
■CHARGING SYSTEM

1. General

SE0, and SE08 segment conductor type alternator assemblies are used. These alternator assemblies use a joined segment conductor system to make it more compact.

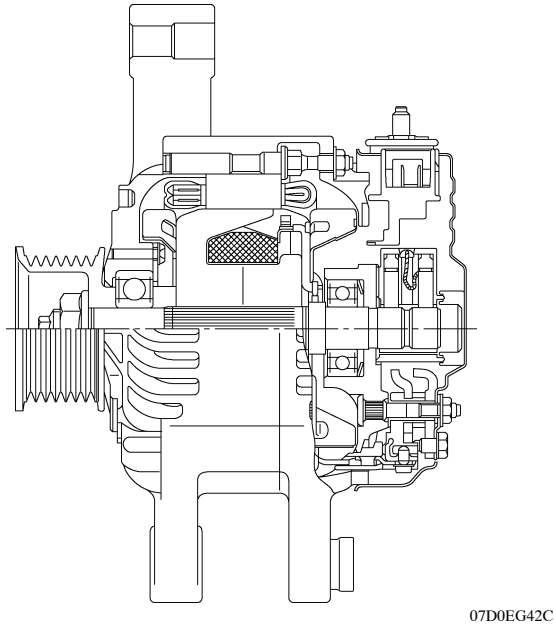
- This type of alternator assembly generates a high amperage output in a highly efficient manner.
- The alternator assemblies and their availability are as follows.

Type		SE0	SE08
Rated Voltage		12V	12V
Output Rated		100 A	80 A
Stator Connection		Delta Type	Y Type
Destination	Middle East	–	Standard
	General	Standard	–



07D0EG41C

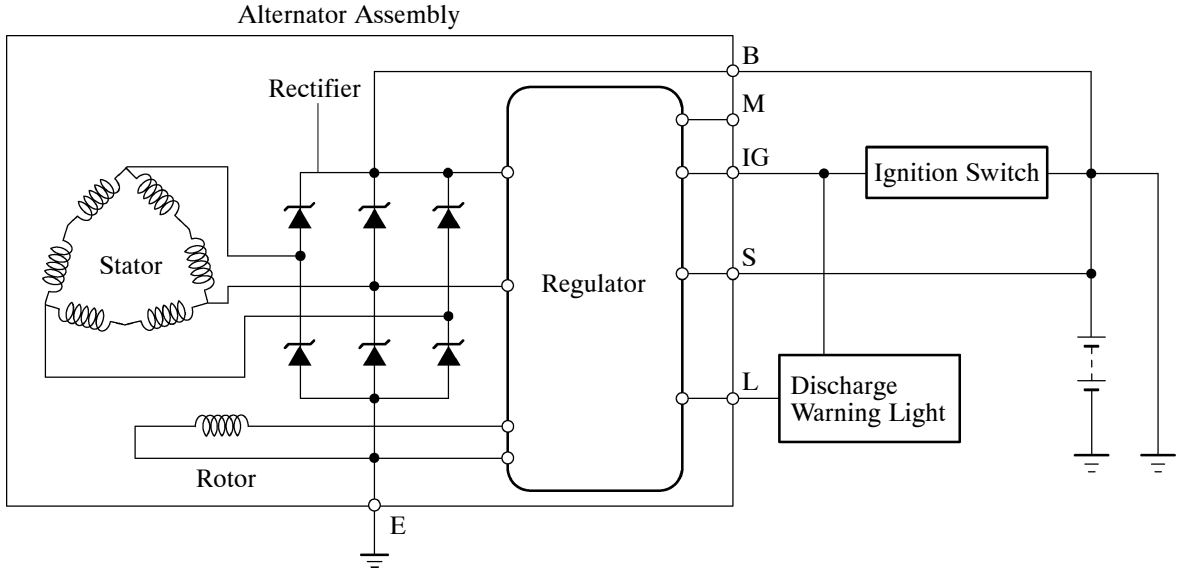
SE0 Alternator



07D0EG42C

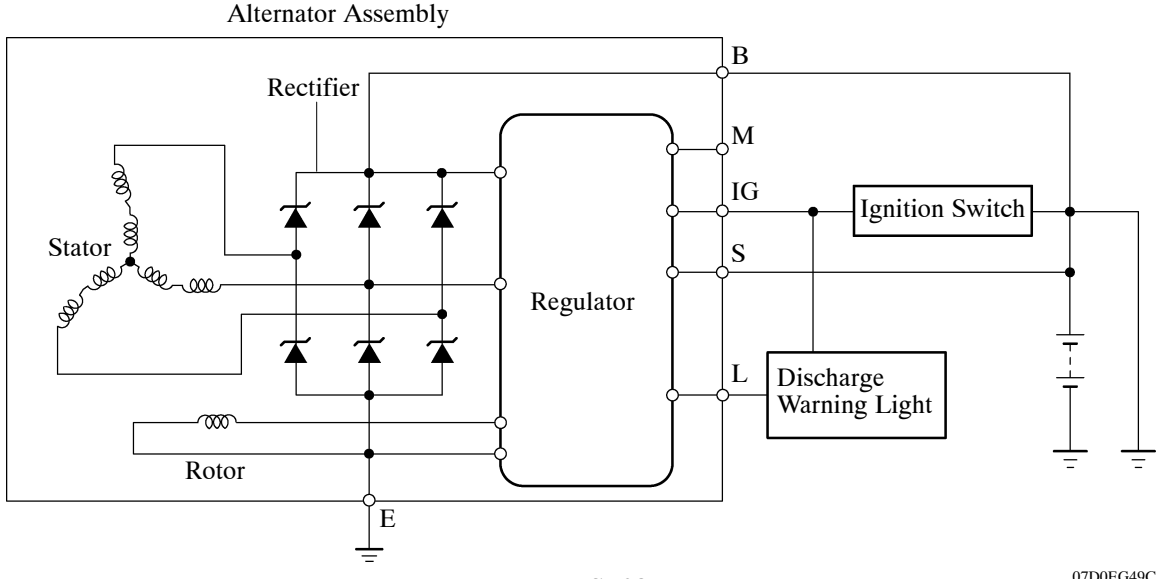
SE08 Alternator

2. Wiring Diagram



07D1EG03C

Type: SE0



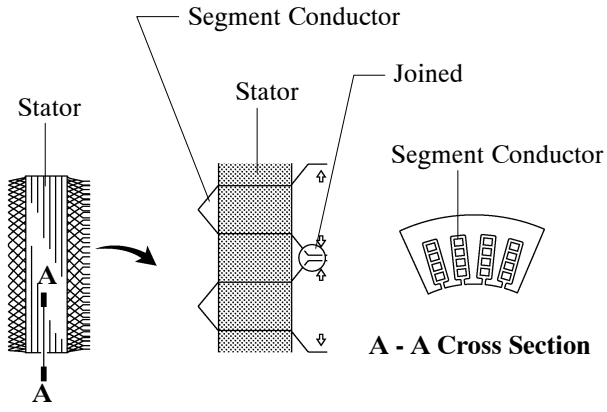
07D0EG49C

Type: SE08

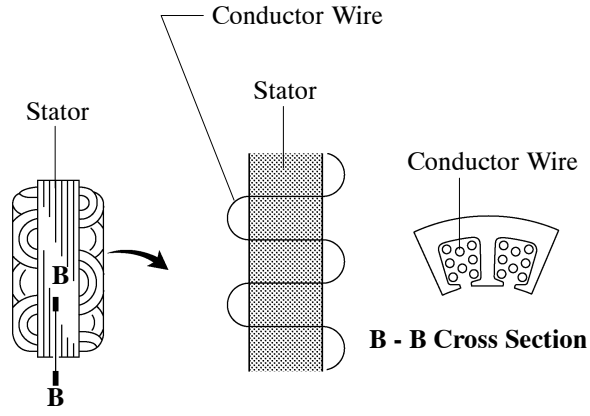
EG

3. Joined Segment Conductor System

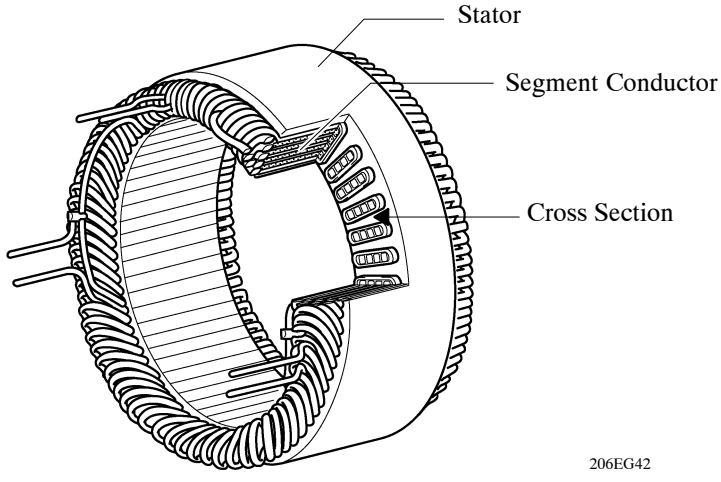
The SE0 and SE08 alternator assemblies use a joined segment conductor system, in which multiple segment conductors are welded together at the stator. Compared to the conventional winding system, the electrical resistance is reduced due to the shape of the segment conductors, and their arrangement helps to make the alternator assembly more compact.



Segment Conductor Type Alternator Assembly (Joined Segment Conductor System)



Conventional Type Alternator Assembly (Wiring System)



Stator of Segment Conductor Type Alternator Assembly