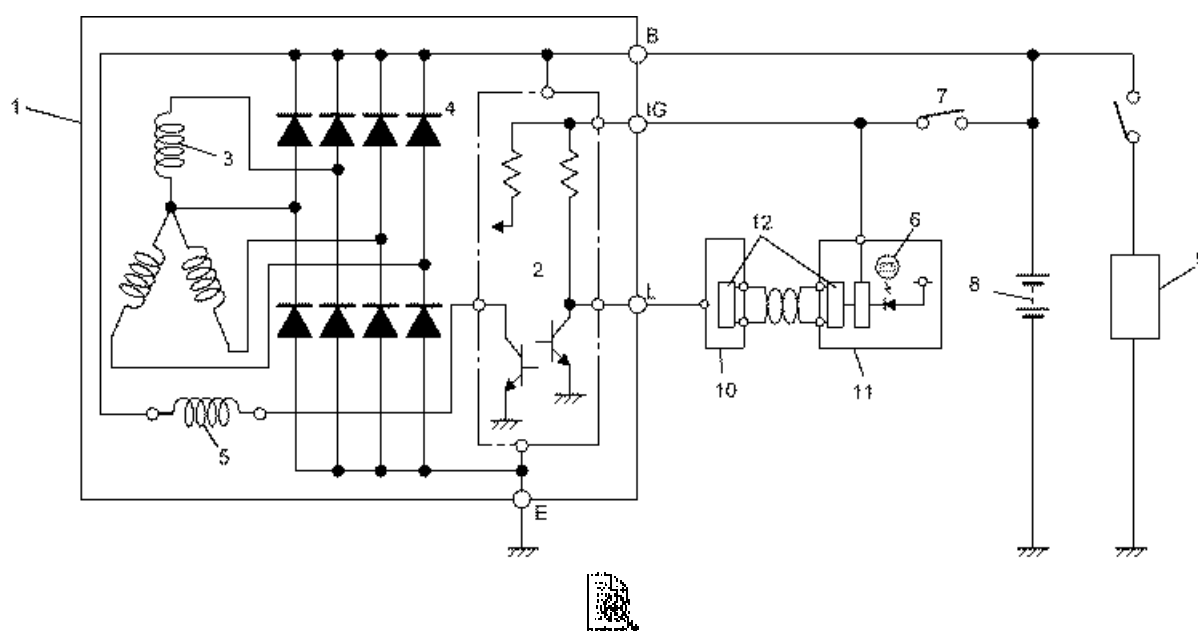


Generator Description

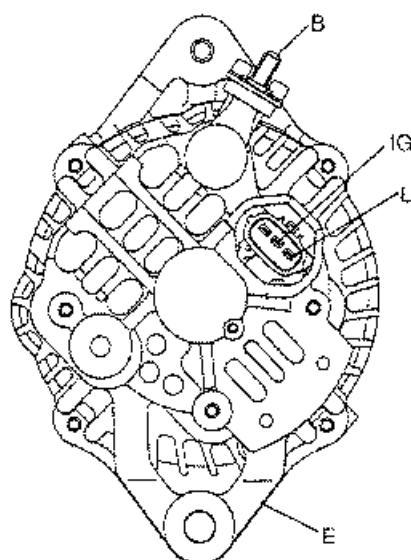
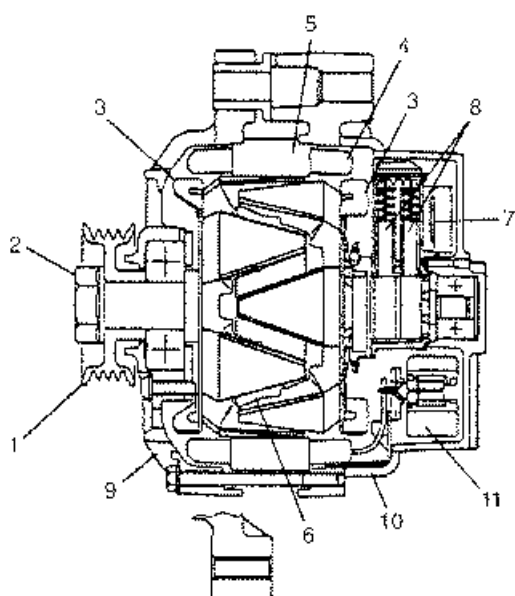
The generator is a small and high performance type with an IC regulator incorporated. The internal components are connected electrically as shown in the following figure.

The generator features are as follows:

- Solid state regulator is mounted inside the generator.
- All regulator components are enclosed into a solid mold.
- This unit along with the brush holder assembly is attached to the rear housing.
- The IC regulator uses integrated circuits and controls the voltage produced by the generator, and the voltage setting cannot be adjusted.
- The generator rotor bearings contain enough grease to eliminate the need for periodic lubrication. Two brushes carry current through the two slip rings to the field coil mounted on the rotor, and under normal conditions will provide long period of attention-free service.
- The stator windings are assembled on the inside of a laminated core that forms part of the generator frame.



1. Generator with regulator assembly	3. Stator coil	5. Field coil (rotor coil)	7. Ignition switch	9. Load	11. Combination meter
2. I.C. regulator	4. Diode	6. Charge indicator light	8. Battery	10. BCM	12. CAN driver



1. Pulley	5. Stator core	9. Drive end frame	E: Ground
2. Pulley nut	6. Field coil	10. Rear end frame	IG: Ignition terminal
3. Rotor fan	7. Regulator	11. Rectifier	L: Light terminal
4. Stator coil	8. Brush	B: Generator output (Battery terminal)	