

## Replacing Externally Regulated Alternator with Internally Regulated Alternator (9445-7)

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### IMPORTANT NOTICE

**The Battery must be fully charged or REPLACED before installing a new Alternator. Remove the cables from the Battery when charging or when connecting opposite ends to the Alternator.**

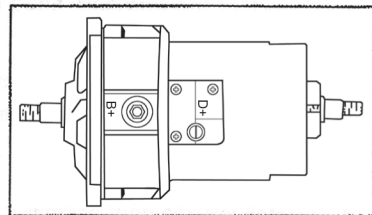
**Do not jump start another vehicle with your vehicles engine running. Failure to do so will damage the alternator.**

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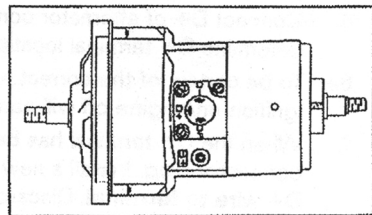
This Alternator is fitted with an internal voltage regulator and will improve the overall charging system through the elimination and need for the originally fitted external voltage regulator.

### **Installation Procedure**

1. **Disconnect negative battery cable from battery.**
2. Remove the connector plug from the external regulator. *(This plug will remain disconnected all times)*
3. Remove old Alternator.
4. Install replacement Alternator.
5. Connect battery lead to B+ on Alternator.
6. Connect D+ of Alternator connector plug to D+ of Alternator. *(See drawings to determine D+ terminal locations. The terminal block is marked).*
- 6a. To be certain of the correct wire, momentary grounding of the D+ wire with the ignition on/engine off will cause the charge warning light on the dash to glow.
7. When the D+ terminal has been located, remove that terminal and wire from the Alternator connector plug. Install a new female spade terminal to this wire. **Now connect D+ wire to terminal.** Discard original external regulator and remainder of its wiring harness.
8. Check output and regulating voltage.



New Alternator



Old Alternator