

**Source:** Leece-Neville Heavy Duty Systems Division – Arcade, NY  
**Bulletin No:** TSB-1193 **Date:** November 2, 2021  
**Models:** MDA3946  
**Subject:** MDA3946 to AVI143J3004

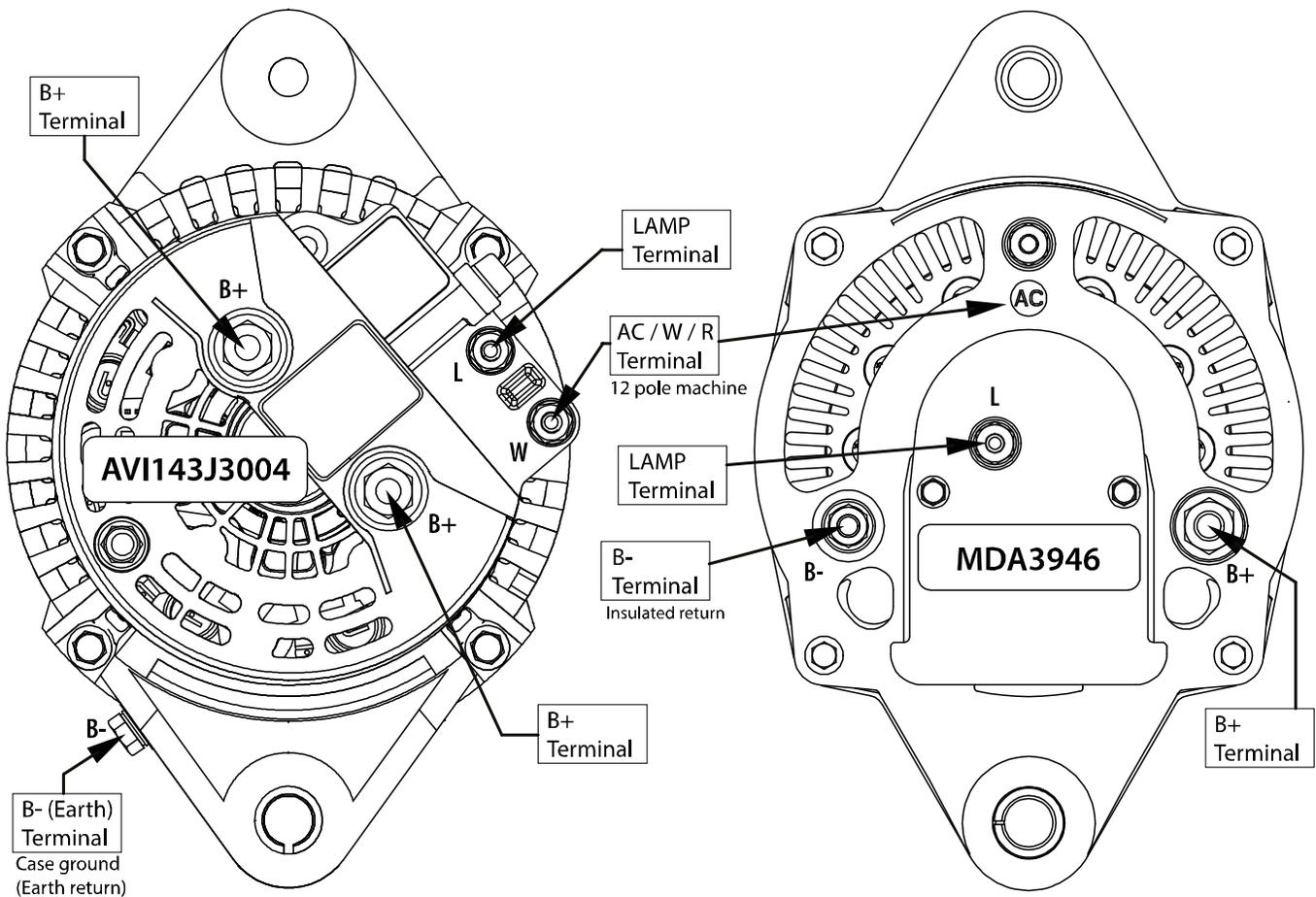
Alternator MDA3946 is pending discontinuance and being replaced by AVI143J3004.

Both MDA3946 and new AVI143J3004 are self-excited machines.

The AVI143J3004 is a direct mechanical (drop-in) replacement, however the AVI143J3004 is a **case ground (earth return)** machine.

AVI143J3004 has 2x B+ terminals, either could be used.

This document will help identify terminal location variances.  
 For detailed wiring diagram of the AVI143J3004 see TWB-0053.



**Important:** The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers', and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at:

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