

**Source:** Leece-Neville Heavy Duty Systems Division – Arcade, NY  
**Bulletin No:** TSB-1202                      **Date:** June 10, 2022  
**Models:** 4900 pad mount with ign. / sense  
**Subject:** Terminal ID from 4900 ign. sense to BLP4000

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Various 4900 series self-excite brush alternators can be replaced by BLP4000 series brushless alternators. See matrix below.

This document will help identify terminal location variances.

Note: Wire termination and routing will require changes.

Sense terminal on BLP4000 series alternators will not work on applications using battery isolators. Please verify application.

Ignition lead used on existing 4900 series alternators are not required. Insulate this wire to prevent shorting and secure out of the way.

4900 series alternators listed on this document are grounded earth return where the BLP4000 series replacements are insulated return. Depending on the vehicle wiring a ground strap maybe required.

BLP4000 series alternators has a pad mount bracket that uses a short span (108mm) where the 4900 series uses a span of (126mm). Most engine brackets have the ability to accommodate both spans. Please verify your engine bracket and refer to TSB-1049 for more information.

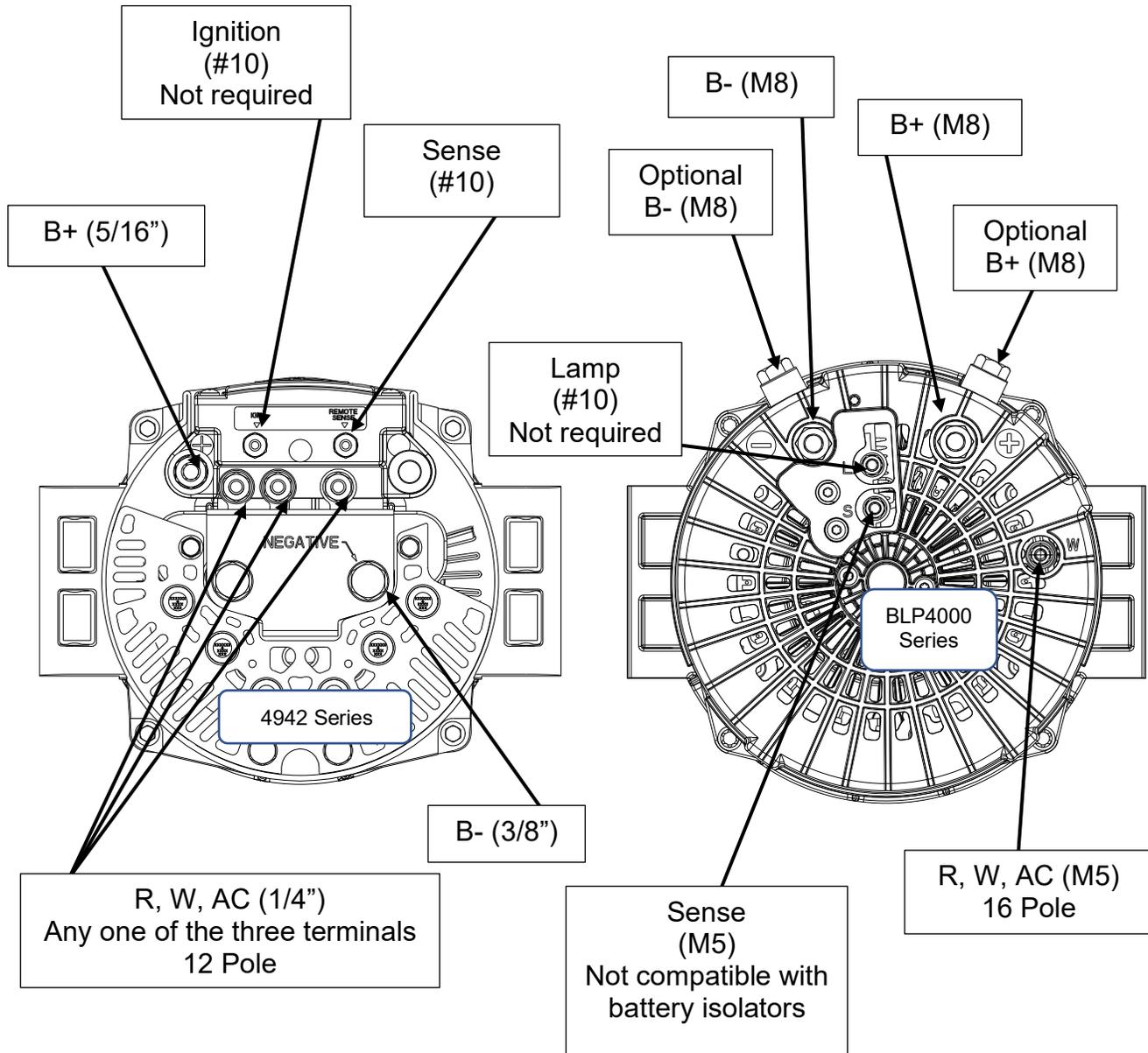
Model #	Voltage	Amperage	Substitute	Model #	Amperage
A0014942PA Sales: 4942PA	12	270	➔	BLP4009	280
A0014942PGH Sales: 4942PGH	12	270			

**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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