

**Source:** Prestolite Leece-Neville Heavy Duty Systems  
**Bulletin No:** TSB-1215 **Date:** July 26, 2022  
**Models:** 8LHP LBP  
**Subject:** Terminal ID for 8LHP LBP to AVI160 alternators



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Various 8LHP and LBP series self-excite brush alternators can be replaced by AVI160 series dual internal fan alternators.

See matrix below.

This document will help identify terminal location variances.

Note: Wire termination and routing will require changes.

AVI160 have internal cooling fans. External fan used on the 8LHP and LBP alternators are not needed.

Both 8LHP, LBP and AVI160 are self-excited insulated return machines.

Model #	Voltage	Amperage	Comment	Substitute	Model #	Amperage
8LHP2170V Sales: 110-555P	12	160		➔	AVI160P2010 Sales: A160210	170
8LHP2170VE Sales: 110-555PHO	12	160				
8LHP2170VF Sales: 110-555PHO	12	160				
8LHP2170VH Cust: 3582185C91	12	130	Amp upgrade			
8LHP2172VAH Cust: 3579498C91	12	110	Amp upgrade			
8LHP2177V Sales: 110-777P	12	140	Amp upgrade			
8LHP2245VGH	12	140	Amp upgrade			
8LHP2246VAH Cust: 3591557C92	12	160				
8LHP2253V Sales: 110-566P	12	160				
8LHP2276V Sales: 110-775P	12	170				
LBP2132 Sales: 110-573P	12	150	Amp upgrade			
LBP2176 Sales: 110-910	12	135	Amp upgrade			

**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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Model #	Voltage	Amperage	Comment	Substitute	Model #	Amperage
LBP2176GH	12	135	Amp upgrade	➔	AVI160P2010 Sales: A160210	170
LBP2180 Sales: 110-912	12	160				
LBP2180GH	12	160				
LBP2184 Sales: 110-913	12	135	Amp upgrade			
LBP2184GH	12	135	Amp upgrade			
LBP2185 Sales: 110-914	12	145	Amp upgrade			
LBP2185GH	12	145	Amp upgrade			
LBP2186 Sales: 110-915	12	160				
LBP2186GH	12	160				
LBP2187 Sales: 110-911	12	145	Amp upgrade			
LBP2187GH	12	145	Amp upgrade			
LBP2203GH	12	160				
LBP2203H Cust: 3700150C91 3700150C92	12	160				
LBP2224H Cust: 3701568C91 3701568C92	12	120	Amp upgrade			
LBP2289	12	170				
LBP2289GH	12	170				
LBP2354GH	12	160				

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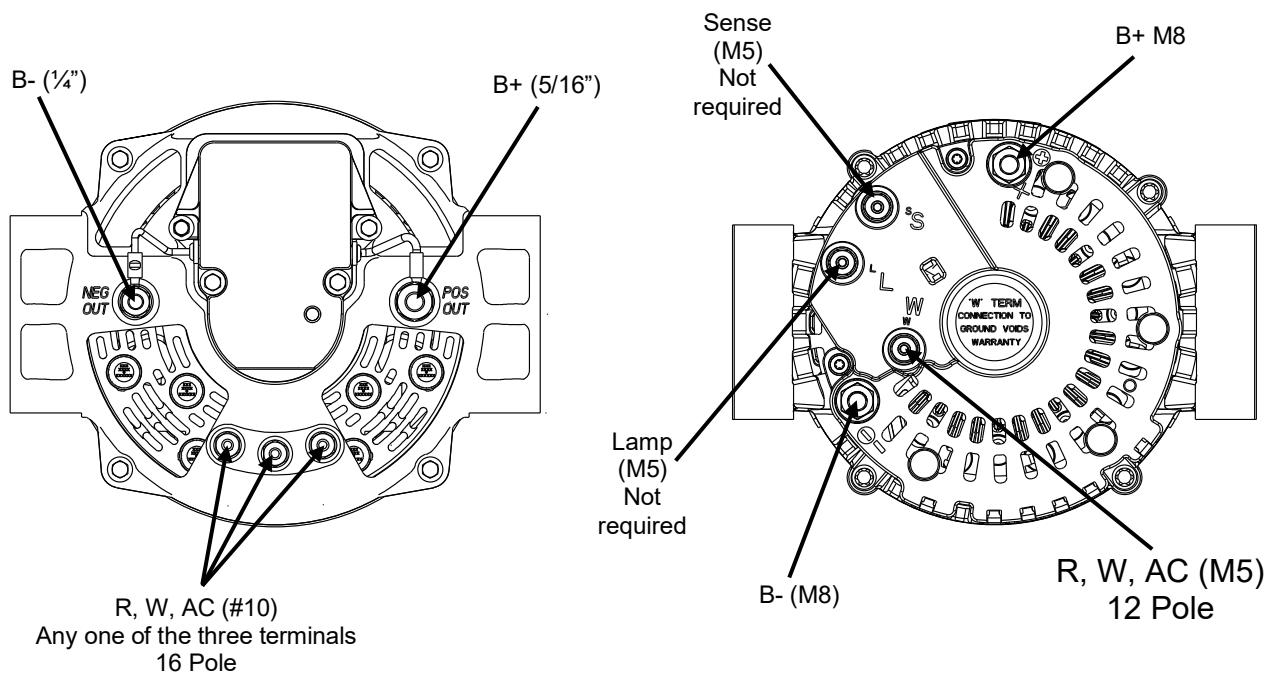


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