

**Source:** Prestolite Leece-Neville Heavy Duty Systems  
**Bulletin No:** TSB-1216 **Date:** July 26, 2022  
**Models:** 8LHA LBA  
**Subject:** Terminal ID for 8LHA LBA to AVI160 alternators



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Various 8LHA and LBA 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 8LHA and LBA alternators are not needed.

Both 8LHA, LBA and AVI160 are self-excited insulated return machines.

Model #	Voltage	Amperage	Comment	Substitute	Model #	Amperage
8LHA2054U Sales: 110-455	12	105	Amp upgrade	➔	AVI160J2011 Sales: A160211	170
8LHA2054UA Sales: 110-579	12	110	Amp upgrade			
8LHA2054UAH Cust: 3574171C92	12	110	Amp upgrade			
8LHA2054UGH	12	110	Amp upgrade			
8LHA2057VA Sales: 110-450	12	160				
8LHA2057VGH	12	160				
8LHA2070VA Sales: 110-555	12	130	Amp upgrade			
8LHA2070VB Sales: 110-555	12	160				
8LHA2070VBH Cust: 3574551C92	12	140	Amp upgrade			
8LHA2070VE Sales: 110-555JHO	12	160				
8LHA2070VF Sales: 110-555JHO	12	160				
8LHA2070VGH	12	140	Amp upgrade			

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Model #	Voltage	Amperage	Comment	Substitute	Model #	Amperage
8LHA2077VA Sales: 110-777	12	140	Amp upgrade			
8LHA2077VGH	12	140	Amp upgrade			
8LHA2197MDH Cust: 3574172C91	12	130	Amp upgrade			
8LHA2241VAH Cust: 3578445C91 3578445C92	12	130	Amp upgrade			
8LHA2252V	12	160				
8LHA2275V Sales: 110-775	12	170				
LBA2106 Sales: 110-900	12	135	Amp upgrade			
LBA2106GH	12	135	Amp upgrade			
LBA2107 Sales: 110-901	12	145	Amp upgrade			
LBA2107GH	12	145	Amp upgrade			
LBA2108 Sales: 110-902	12	160				
LBA2108GH	12	160				
LBA2115 Sales: 110-573	12	150	Amp upgrade			
LBA2118 Sales: 110-903	12	135	Amp upgrade			
LBA2118GH	12	135	Amp upgrade			
LBA2119 Sales: 110-904	12	145	Amp upgrade			
LBA2119GH	12	145	Amp upgrade			
LBA2120 Sales: 110-905	12	160				
LBA2120GH	12	160				
LBA2198MDH	12	110	Amp upgrade			
LBA2199MDH	12	130	Amp upgrade			
				<b>AVI160J2011</b> Sales: A160211	170	

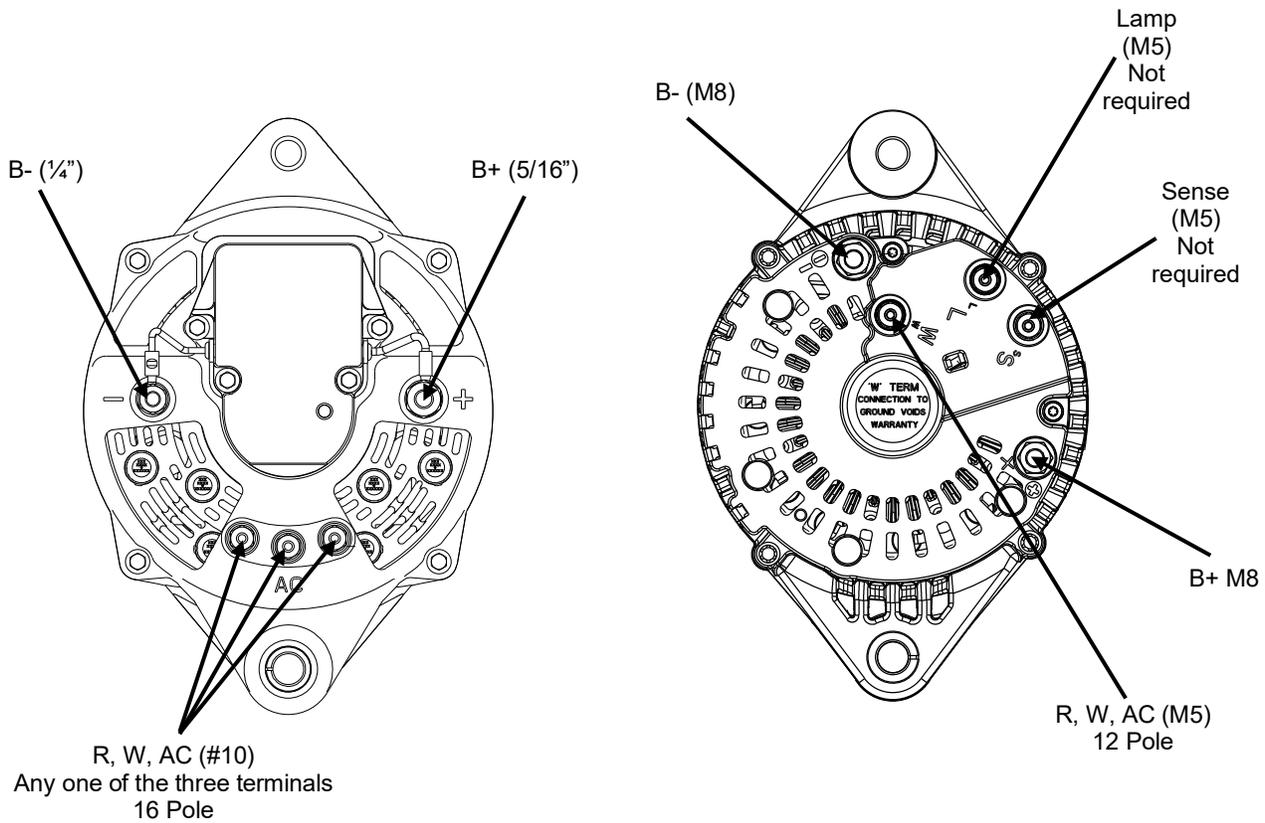
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Model #	Voltage	Amperage	Comment	Substitute	Model #	Amperage
LBA2201H Cust: 3700301C91 3700301C92	12	160	Amp upgrade	➔	AVI160J2011 Sales: A160211	170
LBA2271	12	170				
LBA2287	12	170				



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