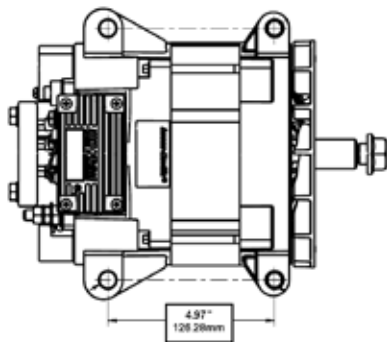


Source: Leece-Neville Heavy Duty Systems Division - Arcade, NY USA
 Date: July 7, 2017
 Bulletin No: TSB-1049
 Models: Recommended Mounting and Bracket Design for Pad Mount Alternators
 Subject: Pad Type Mounting Recommendations

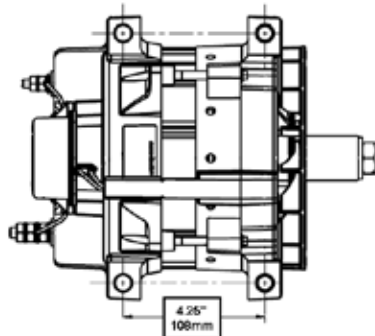
Mounting Information:

Pad mount alternators can have two different mounting spans. However all will mount onto existing engine brackets. Sometimes this tends to cause confusion at the point of sale when choosing a suitable replacement for a competitive brand or if the exact part number is not available.

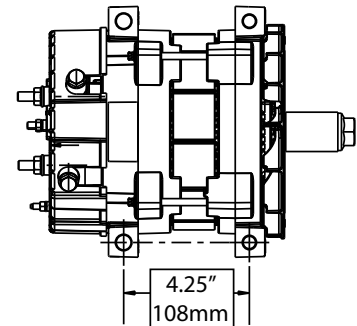
Alternators are available with either a 4.25" (108mm) or 4.97" (126.28mm) mounting span. The illustration below explains this in greater detail.



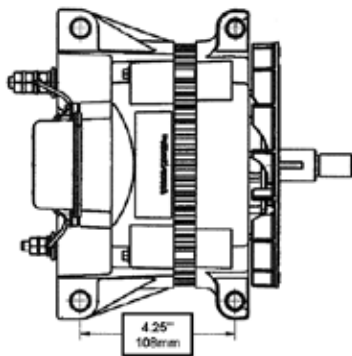
4900 Series



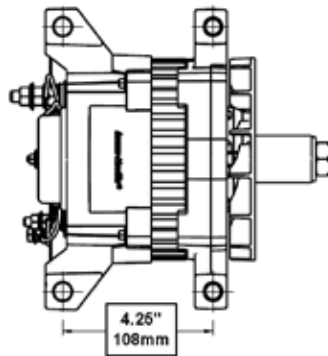
BLP Series



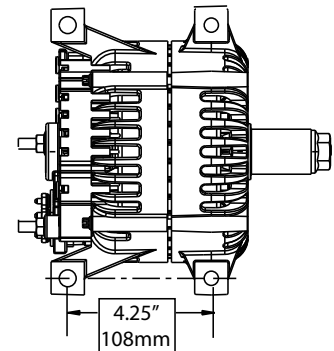
BLP4000 Series



8LHP/LBP Series



MDP Series

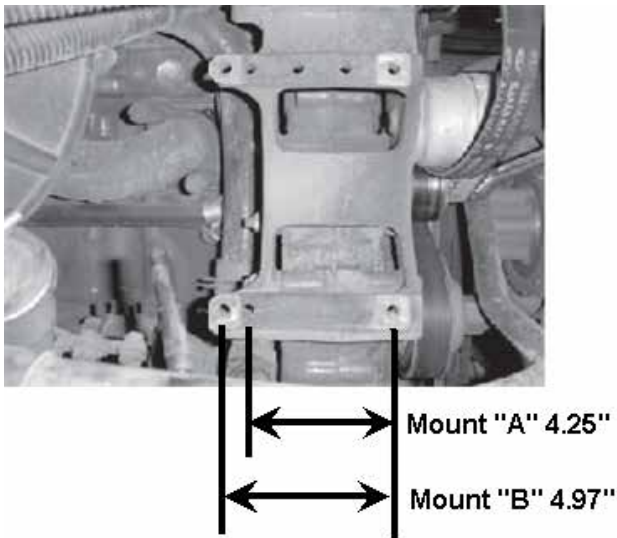


AVi160P Series

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, or contact our technical service department at:

Date: July 7, 2017
Bulletin No: TSB-1049

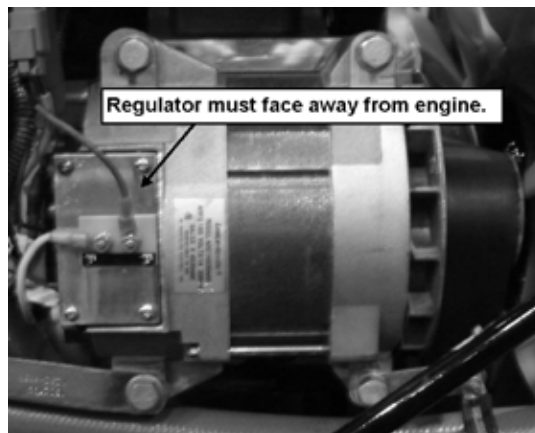
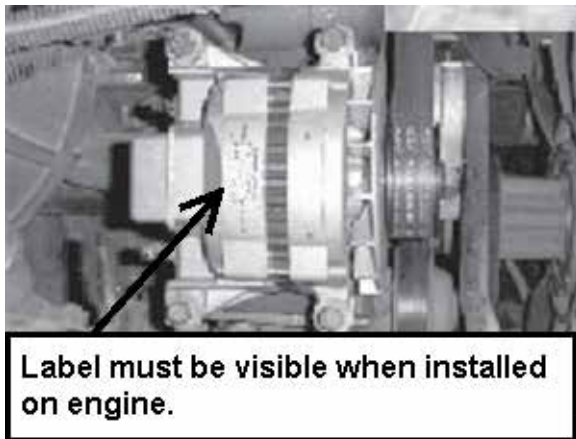
Pad mount brackets supplied by the engine manufacturer accommodate either mounting span so any pad mount alternator will fit. The illustration below explains this in greater detail.



Proper Belt Alignment:

On pad mounted alternators, belt alignment is obtained by the two mounting bolt holes closest to the alternators pulley. These holes are precision drilled so the alternator is positioned correctly on the engine bracket for proper belt alignment. When mounting a Leece-Neville alternator, it is important that the label or regulator face away from the engine block. If this is not adhered to then the belt alignment will not be correct.

Illustrations below shows proper mounting of Leece Neville alternators.



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, or contact our technical service department at:

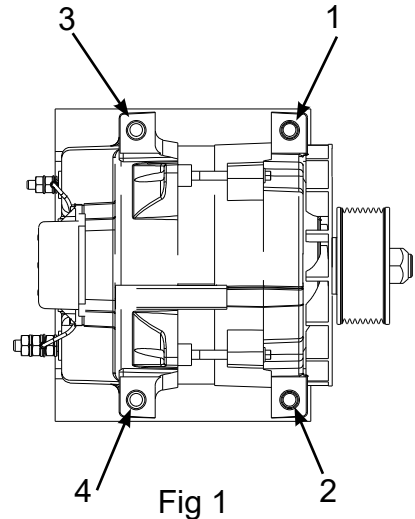
Date: July 7, 2017

Bulletin No: TSB-1049

Proper Mounting Bolt Installation:

- 1) Mount alternator on engine bracket.
- 2) Following sequence in Fig 1, install mounting bolts.

Note: Hand tighten only. Do not torque at this time.



Mounting Bolt Torque Procedure:

- 1) Following sequence in Fig 1, torque mounting bolts to 30-35 lb-ft.

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, or contact our technical service department at:

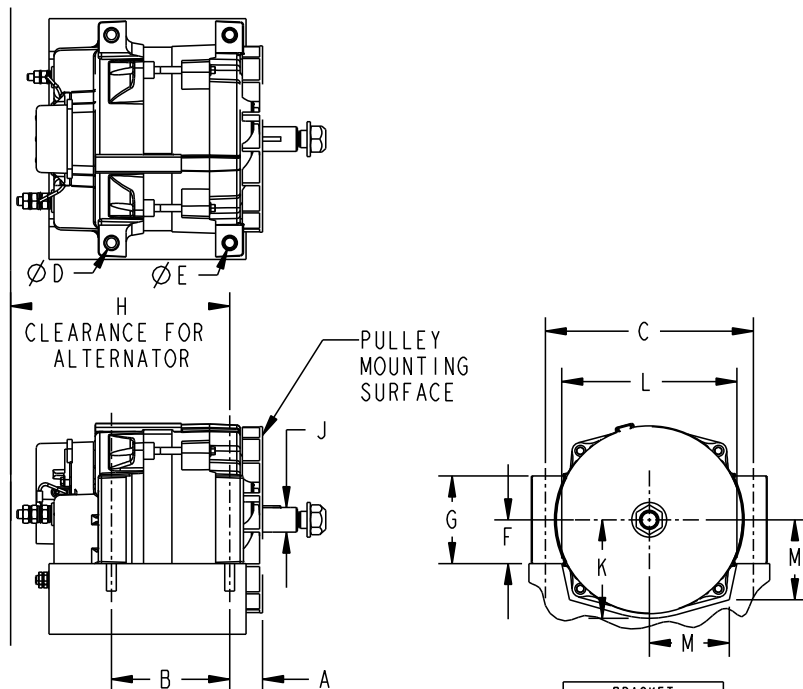
Date: July 7, 2017

Bulletin No: TSB-1049

Pads mount bracket design recommendations:

Below are guidelines for bracket designers to follow that will allow adequate clearances for all Leece-Neville pad mount alternators.

PAD MOUNT BRACKET RECOMMENDATION



VERSION	BRACKET											
	A \diamond	B \diamond	C \diamond	D	E	F	G	H	J \diamond	K	L	M
190-1	nom	nom	nom	nom	nom	nom	nom	min	nom	min	min	min
190-2	30.1	108	190	12.5	10.5	40	80	200	22.2	90	160	73

\diamond CRITICAL DIMENSIONS

- 1) Bracket casting shall not protrude above the finished mounting surface of bracket.
- 2) Alternator shall be secured to bracket using four M10 bolts torque to a minimum of 40N-m.
- 3) Typically brackets for version 190-1 or 190-2 contain holes for both versions to allow common alternator usage.
- 4) Alternator clearance shown shall extend the full length of the bracket under the alternator.

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, or contact our technical service department at: