

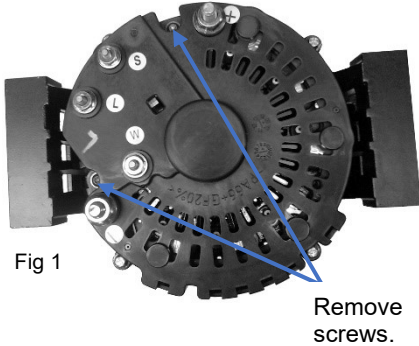
Source: Prestolite Leece-Neville Heavy Duty Systems
Bulletin No: TSB-1148A **Date:** June 24, 2024
Models: All AVI160 J-180 and Pad mount alternators
Subject: Regulator change procedure



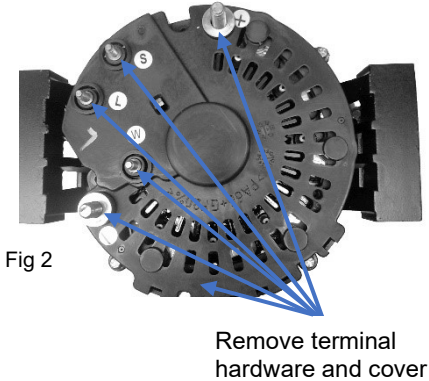
techservice@prestolite.com

Removal Instructions.

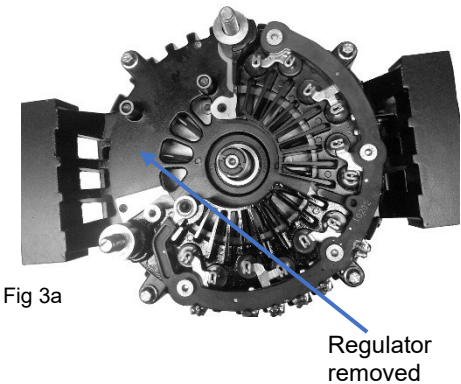
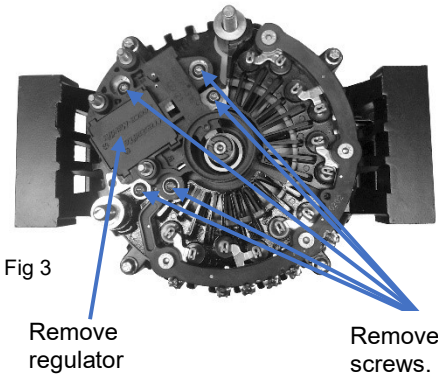
1) Remove rear cover mounting screws.
 Fig 1.
 ▲ Keep screws removed in this step. These will be reused during assembly.



2) Remove terminal hardware and rear cover.
 Fig 2.
 ▲ Keep terminal hardware and rear cover. These will be reused during assembly.



3) Remove regulator mounting screws and regulator assembly from alternator.
 Fig 3, 3a.
 ▲ Not required to save the screws removed as they are supplied with the regulator kit.



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:



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Installation Instructions.

- 1) Install wavy washer. (If required)
 Fig 1.
 ▲ Product revision level will need to be verified. Fig 2
 See chart below to determine if wavy washer is required.

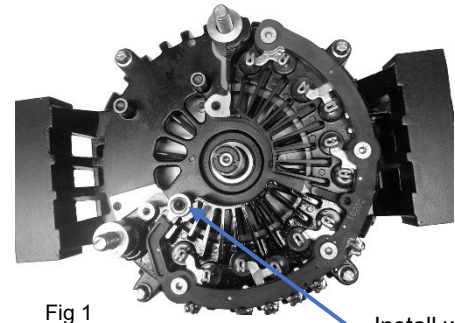


Fig 1 Install wavy washer



Fig 2 Revision Level

Model	Sales	Revision Level	Model	Sales	Revision Level
AVI160J2004	A160204	Wavy washer is required for revisions G and lower	AVI160P2003	A160203	Wavy washer is required for revisions G and lower
AVI160J2008	A160208	Wavy washer is required for revisions G and lower	AVI160P2007	A160207	Wavy washer is required for revisions F and lower
AVI160J2011	A160211	Wavy washer is required for revisions D and lower	AVI160P2010	A160210	Wavy washer is required for revisions C and lower
AVI160J2014	AVI2800J	Wavy washer is required for revisions D and lower	AVI160P2012	AVI2800P	Wavy washer is required for revisions C and lower

- 2) Install regulator and 5 mounting screws.
 Fig 3.
 Torque screws: 2.25 +/- 0.3Nm.
 20 +/- 2.7 in.- lbs.

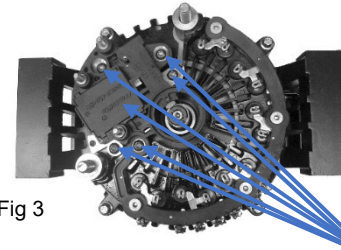


Fig 3 Install regulator and 5 mounting screws

- 3) Pull brush retaining pin and discard.
 Fig 4.

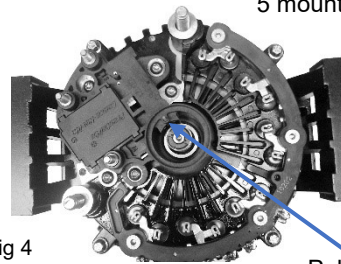


Fig 4 Pull brush retaining pin

- 4) Install rear cover. Fig 5.
 Torque screws: 2.25 +/- 0.3Nm.
 20 +/- 2.7 in.- lbs.
- 5) Install M5 and M8 terminal hardware. Fig 6.
 M5 torque: 2.0 – 2.5 Nm.
 17.7 – 22.1 in.- lbs.
 M8 torque: 6.0 +/- 1.2 Nm.
 53.1 +/- 10.6 in.- lbs.

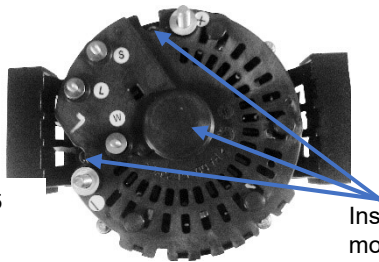


Fig 5 Install rear cover and mounting screws

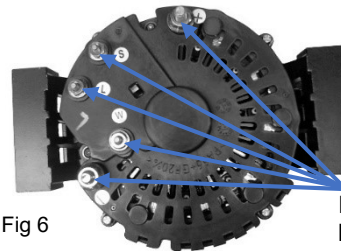


Fig 6 Install terminal hardware

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