Prestolite Leece-Neville

Technical Service Bulletin

Source:	Leece-Neville Heavy Duty Systems Division - Arcade, NY USA
Date:	March 30, 2011
Bulletin No:	TSB-1147
Models:	8LHA, 8LHP, LBA, LBP, BLD and BLP
Subject:	Regulator Change Procedure for 8RG regulators

Step 1: Remove hardware from alternators positive and negative posts. (Fig. 1)

Step 2: Remove red and black regulator wires from alternator positive and negative posts. (Fig. 2)

Step 3: Remove four screws attaching regulator to alternator. (Fig. 3)

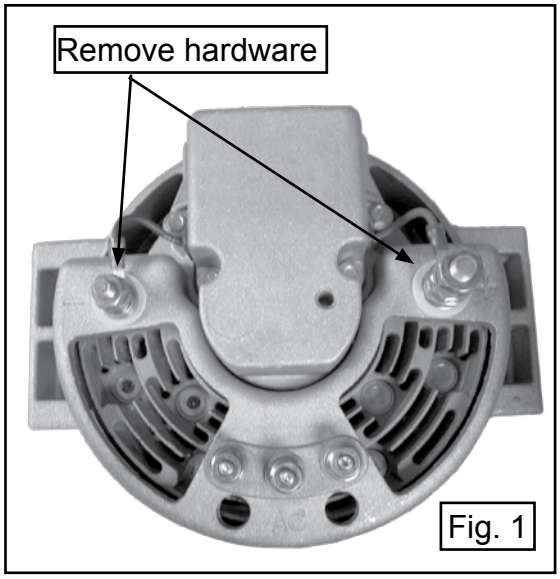

Fig. 1

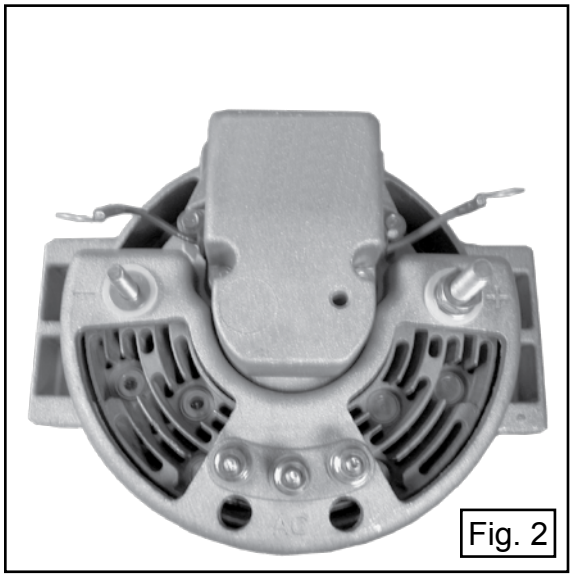
Fig. 2

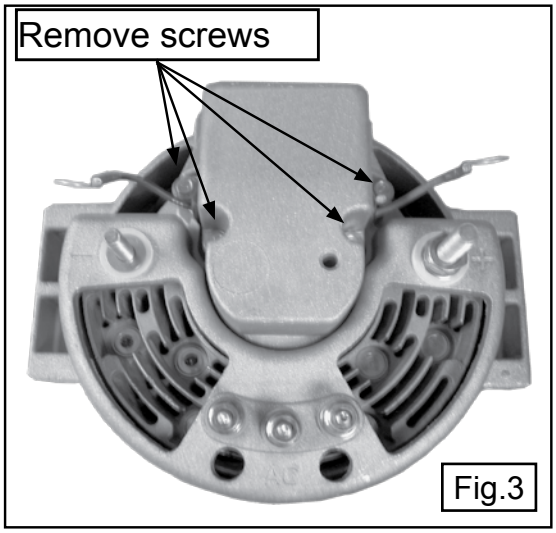

Fig.3

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:

Leece-Neville Heavy Duty Systems
400 Main Street
Arcade, NY 14009
Phone/Fax: (866) 288-9853
webmail@prestolite.com

Prestolite Leece-Neville

Technical Service Bulletin

Date: March 30, 2011

Bulletin No: TSB-1147

Step 4: Tilt regulator away from alternator and remove the yellow and green regulator wires. (Fig. 4)

Note: On newer regulator models only one yellow wire will be present. Regulator wires are attached to alternator with spade terminals. Use needle nose pliers to remove these wires.

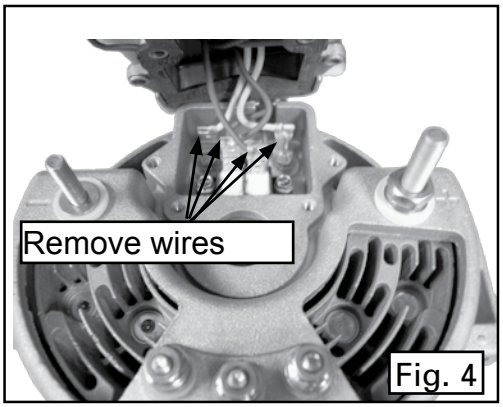

Fig. 4

Step 5: Remove regulator and gasket from alternator.

Step 6: Place gasket furnished with replacement regulator onto alternator. (Fig.5)

Step 7: Place replacement regulator on alternator and attach two green (Field) wires to alternator brushes or field terminal block. Depending on model connect one or two yellow (AC) wires to alternator AC spade terminals.

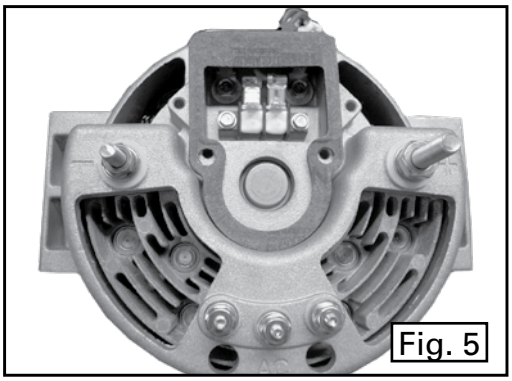
Fig. 5

Refer to either (Fig 6a or 6b) to determine your alternator for proper placement of wires.
(Fig 6a) 8LHA, 8LHP, LBA, LBP models
(Fig 6b) BLD and BLP models

Note: Polarity of green field or yellow AC wires is not critical. Connect wires where they will not be pinched or short during assembly.

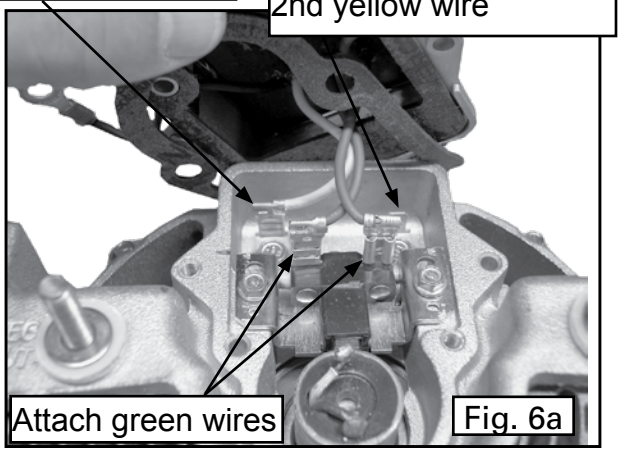

Fig. 6a

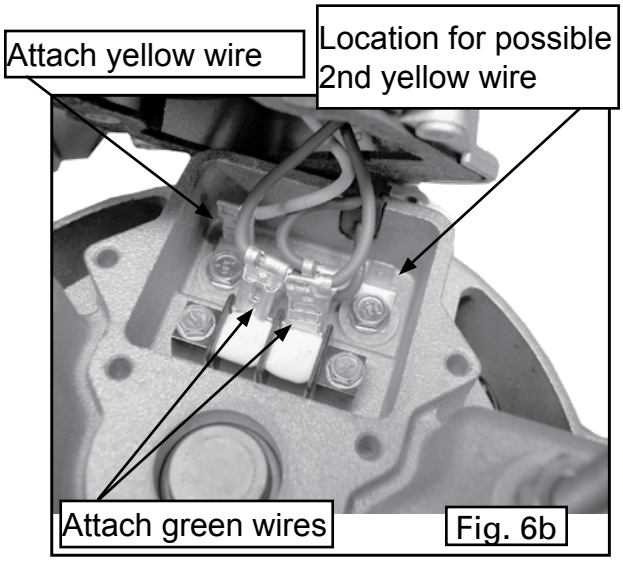

Fig. 6b

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:

Leece-Neville Heavy Duty Systems
7585 Empire Drive
Florence, KY 41042
Phone/Fax: (866) 288-9853
webmail@prestolite.com

Date: March 30, 2011

Bulletin No: TSB-1147

Step 8: Install four screws holding regulator to alternator. (Fig.7)
Torque screws to 22-27 in-lbs.

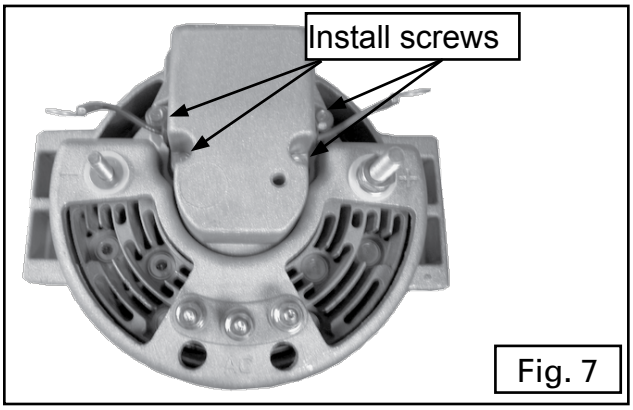

Fig. 7

Step 9: Install regulator red lead to alternator positive terminal and black lead to alternator negative terminal. Install and tighten hardware onto the alternator output studs.
Torque negative nuts to 47-53 in-lbs.
Torque positive nuts to 68-74 in-lbs.

Refer to (Fig 8) for proper orientation of positive and negative hardware.

Step 10: Regulator change complete.

Electrical Test:

For instructions on how to properly electrical test these alternators please reference the following TSB's which can be found on our web site.

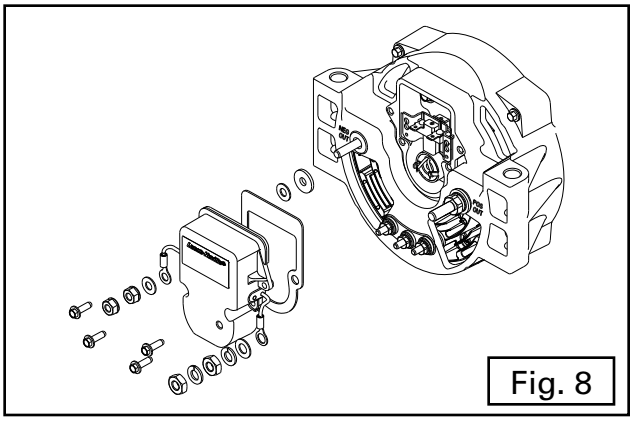
Fig. 8

TSB-1019 (On vehicle)
TSB-1018 and TSB-1020 (On test stand)

If alternator fails to turn on after several attempts the alternator field may need to be flashed. Please reference TSB-1034 for instructions on how to perform this task.

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:

Leece-Neville Heavy Duty Systems
400 Main Street
Arcade, NY 14009

Phone/Fax: (866) 288-9853
webmail@prestolite.com