

Bulletin No: TSB-1197 **Date:** April 20, 2022
Models: BLD BLP4000 J-180 and Pad mount alternators
Subject: Procedure to convert to external regulation

Step by step procedure on how to install R214106763S remote regulator.
Note: For use with P type external regulators only.

Step 1:
Remove rear cover mounting screws
and terminal hardware. (Fig 1)
Remove rear cover.

Note: Keep all hardware removed in this step
as these will be reused.

Step 2:
Remove hardware attaching regulator to the
alternator. (Fig 2)
Remove regulator.

Fig 3. Shows regulator removed.

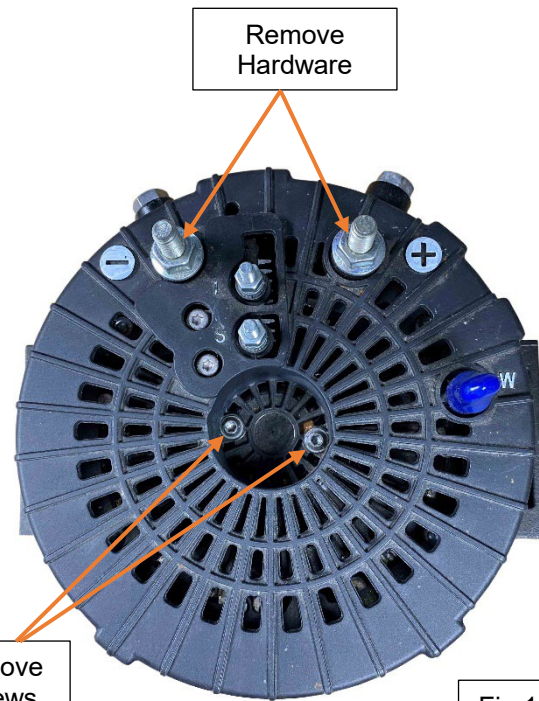


Fig 1

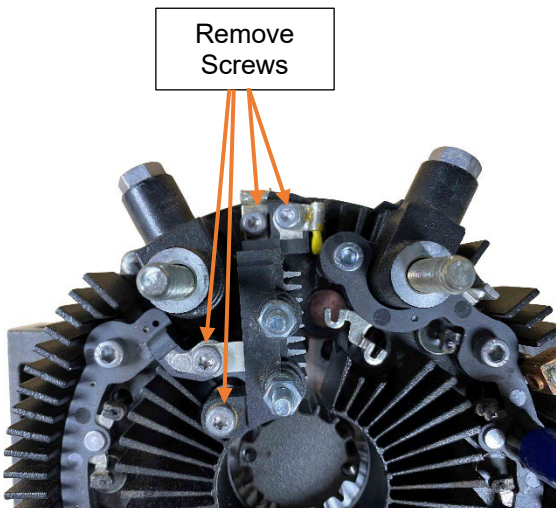


Fig 2

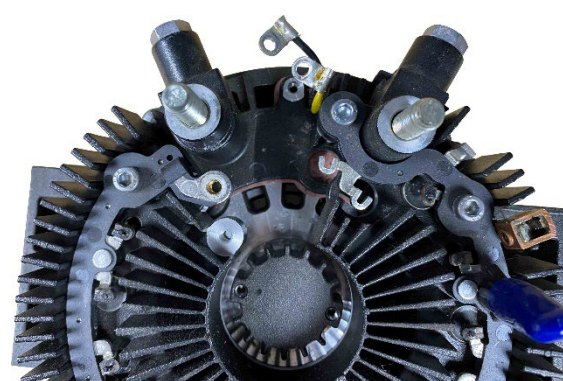


Fig 3

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 <https://bermantec.com/> or contact our technical service department at:

Step 4:
Install R214521511S (Remote regulator) and
install mounting screws. (Fig 4)
Torque screws to 2–2.5 Nm.

Step 5:
Install rear cover
Torque 2 M4X12 rear cover mounting screws to
2 – 2.5 Nm. (Fig 5)

Install 2 M8 flange nuts. (Fig 5)

See TWB-0073 for proper wiring to external
voltage regulator.

Note: For use with P type external regulators
only.

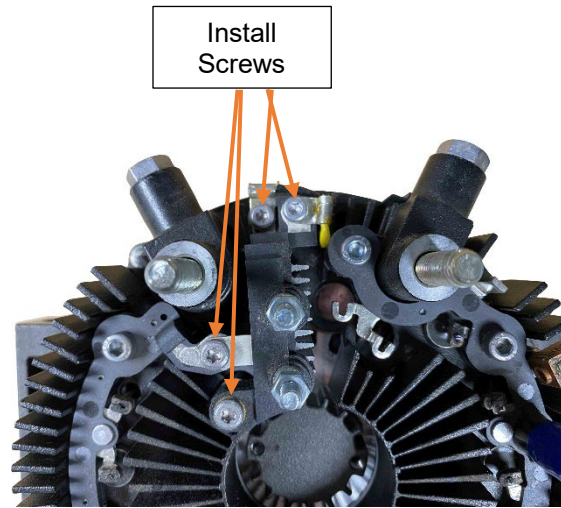


Fig 4

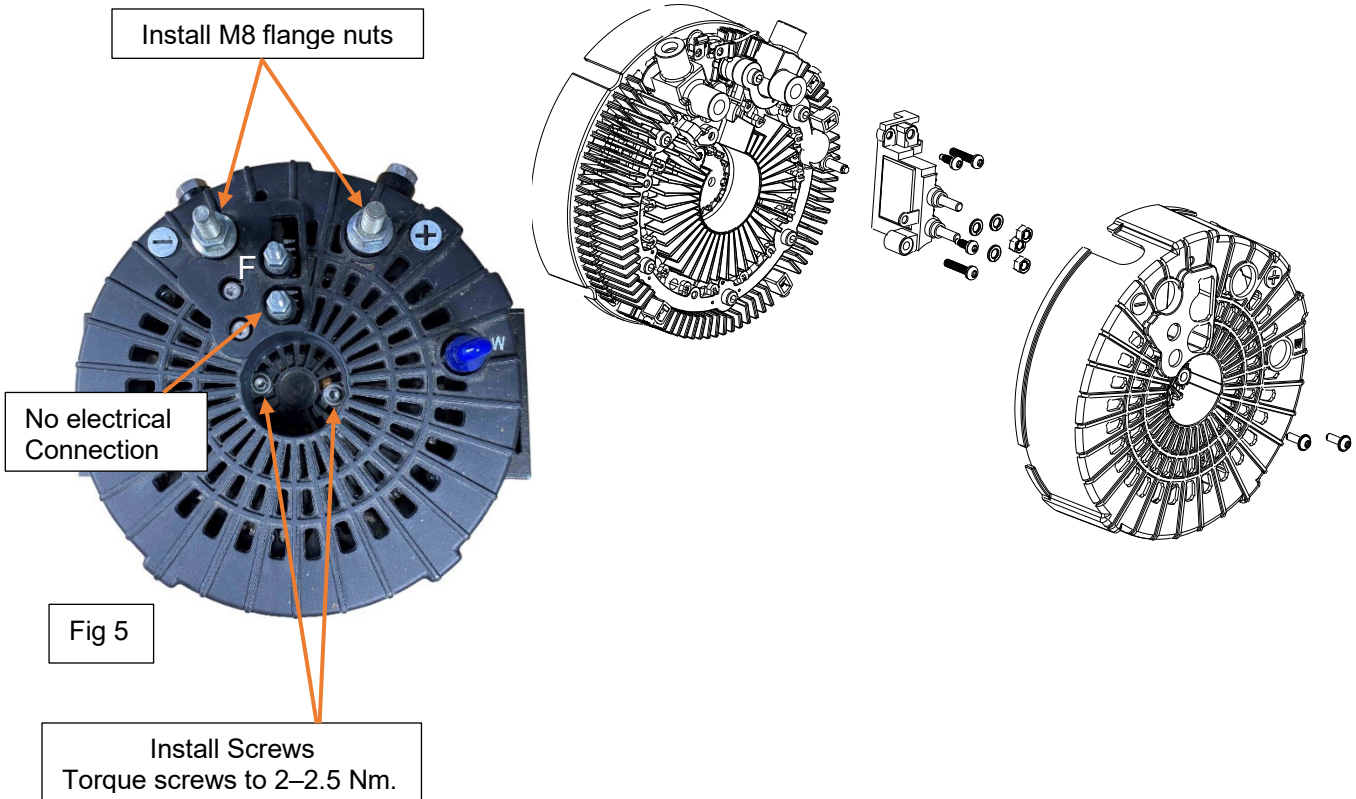


Fig 5

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