

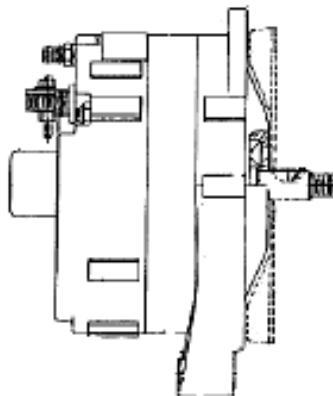
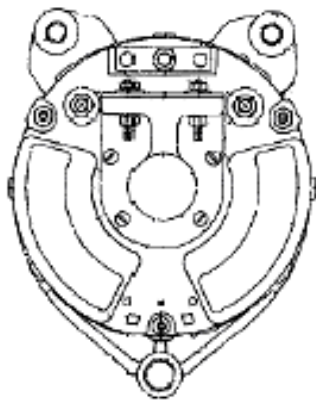
Source: Leece-Neville Heavy Duty Systems Division - Arcade, NY USA  
Date: July 7, 2017  
Bulletin No: TSB-1048  
Models: A0017726JA, A0015523AA  
Subject: Replacing A0017726JA with an A0015523AA

### Instructions to replace the A0017726JA with an A0015523AA

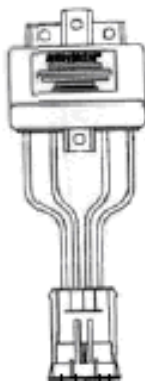
The A0017726JA is an internal rectified and regulated alternator which is no longer manufactured by Leece Neville. To replace this unit an alternator is available but is remote regulated and rectified. Below are guidelines on how to make this conversion.

#### Parts needed:

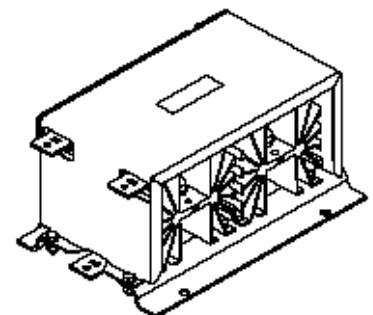
Qty: (1) A0015523AA alternator



Qty: (1) 8RD2041S Regulator (Comes with wiring harness)



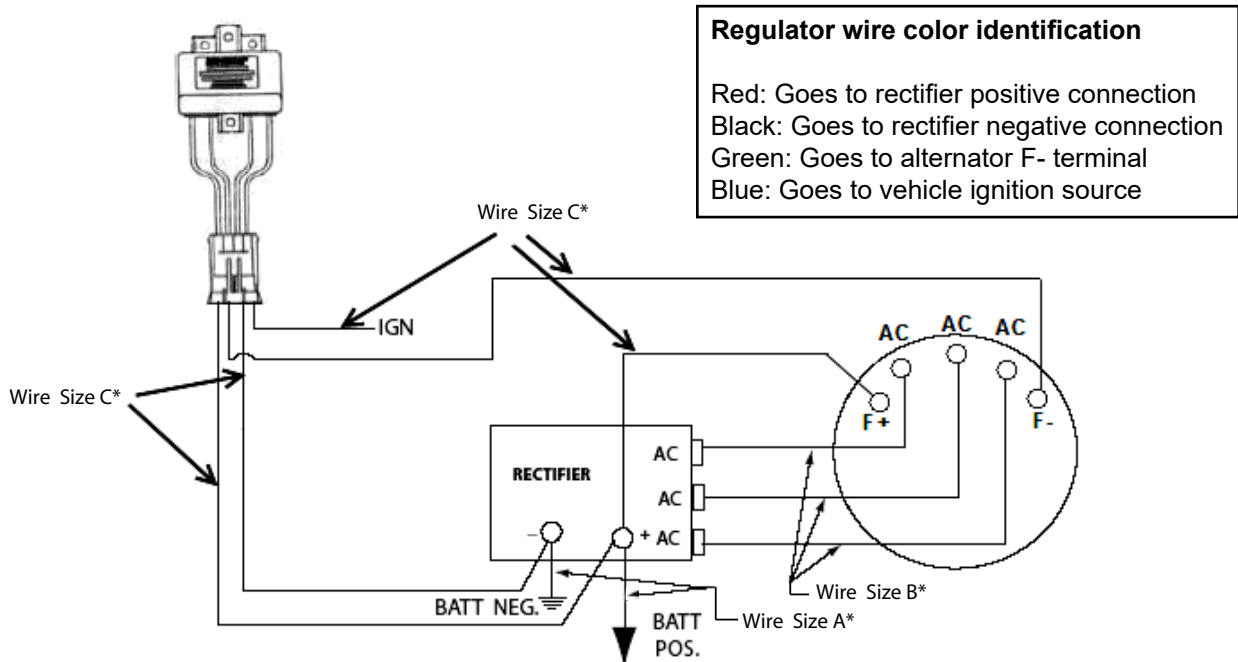
Qty: (1) C0011111CA Rectifier



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](http://www.prestolite.com), or contact our technical service department at:

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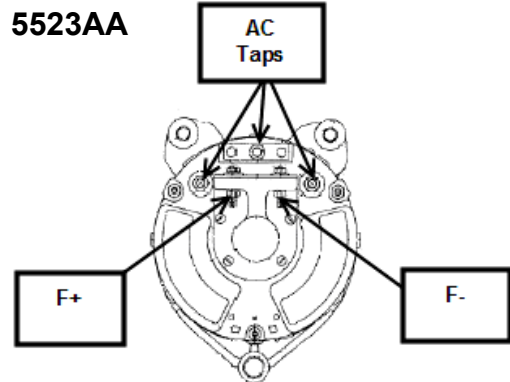
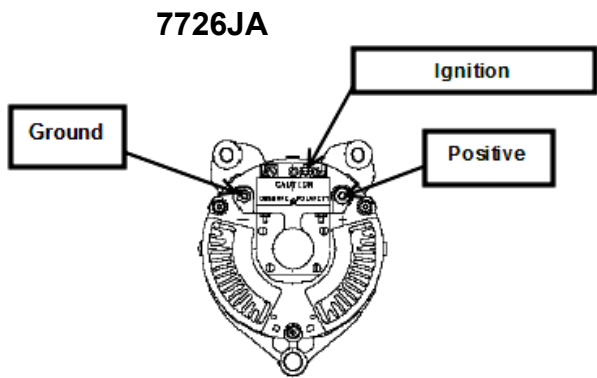
**Wiring diagram for 5523AA**



\* **Note:** Please utilize TSB-1001 for proper wire size.

**Alternator Terminal Identification**

Please use illustrations below to identify terminals on the original and replacement alternator. Cables that were originally connected to the alternator will have to be rerouted to the remote rectifier and regulator. In most cases the original wires will have to be lengthened.



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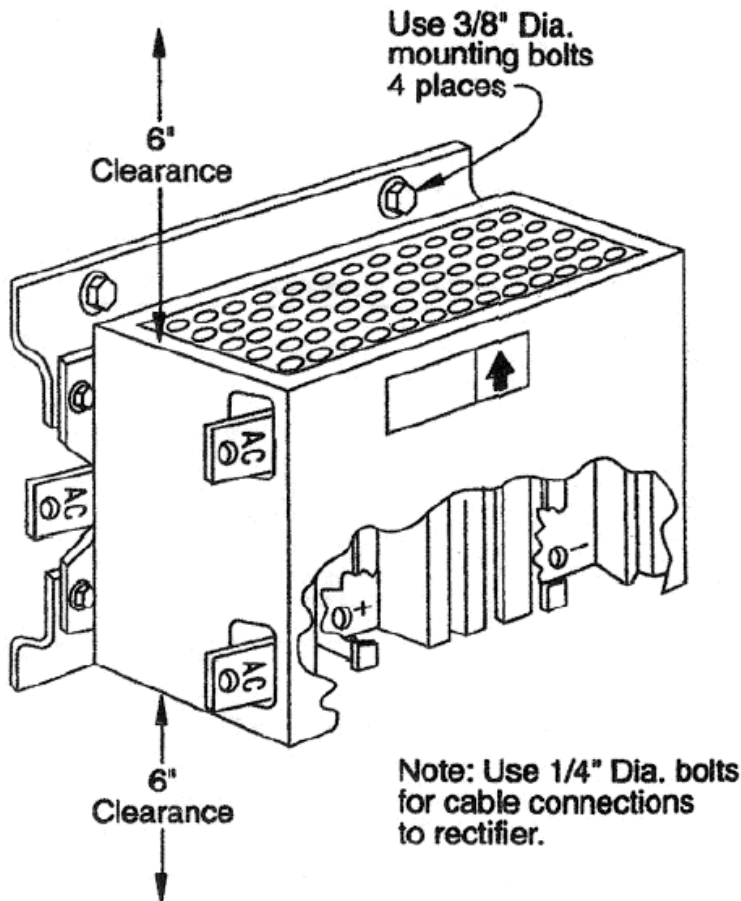
### Mounting Recommendations

#### 8RD2041 Regulator:

1. Regulator should be mounted on a flat, stable surface away from any heat source.
2. Regulator may be mounted in any position with no effect on its operation.
3. Secure all regulator leads with harness clamps as close to regulator as practical to prevent vibration problems.

**Note:** Recommended location is inside vehicle cab. Mounting regulator inside the engine compartment is not recommended.

#### C001111CA Rectifier:



1. Rectifier should be mounted in a clean and cool area (100F. maximum ambient temperature) that allows unrestricted convection air circulation. If mounted in driver's cab, 6" clearance above and below the rectifier will provide adequate cooling. If mounted in a small, closed compartment, air vents or louvers are required to let air in and out. Engine compartment mountings are not recommended.
2. Rectifier must be mounted on a vertical, flat surface with open side down (or grill side up) as shown, to provide adequate air flow through rectifier heat sinks.

**Caution:** Be sure mounting surface is flat enough to provide clearance with lower AC collector strap and heads of bolts. Use a reinforcing plate behind mounting surface if mounting on thin sheet metal.

3. Secure all rectifier leads with harness clamps as close to rectifier as practical to prevent vibration problems.

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