

Source: Prestolite Electric Ltd - Greenford, London, UK  
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Bulletin No: TSB4026  
Models: AC203RB alternators  
Subject: Maintenance of AC203RB alternators

### **Maintenance of AC203RB alternators**

This bulletin applies to AC203RB alternators with sealed drive end bearings. In order to maintain reliability in the arduous conditions experienced in various applications, it is recommended that the following preventative maintenance programme be followed.

#### **Periodic service interval / 8 Weeks** (whichever occurs first)

##### Type with DUCTING

- Check air intake. Ensure intake is clean and filters (if applicable) are replaced in accordance with manufactures recommendations.
- Check ducting and rectify or replace damaged / faulty ducting.

##### DUCTLESS type

- Inspect integrity of the exhaust system and that heat shields (if fitted) are correctly installed and serviceable. Replace any damaged or defective parts.
- Ensure cooling fan(s) operation is satisfactory and operates in accordance with its designed purpose.

#### **24 Months**

- Change non-drive end bearing.
- Change drive end bearing.
- Replace brush box.

#### **Notes**

- For information on AC203RB assembly and test please see Prestolite Electric Service Manual (pages 121 to 144)
- Please ensure that the lowest drain gate in the alternator end cover (as the alternator sits on the engine) is removed. This procedure is to ensure any water entering the alternator can drain away.
- Check belt tension is set and maintained in accordance with application recommendations.
- Inspect belt condition and function of tensioner(s). Replace if defective.
- Ensure mounting bolts, brackets, cable connections and supports are present, serviceable and tight. Replace if damaged or missing.

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: