

Source: Leece-Neville Heavy Duty Systems Division - Arcade, NY USA  
Date: July 7, 2017  
Bulletin No: TSB-1166  
Models: All Starters  
Subject: Starter Motor Safety Precautions

#### SAFETY PRECAUTIONS

- Ensure that the starter is rigidly mounted and that the pinion is correctly aligned with the flywheel.
- The starter should not be mounted under the fuel pump or filter etc., unless adequate protection can be provided by means of a splashguard.
- If the starter is mounted close to the engine exhaust or turbocharger or other direct sources of heat, a heat shield is required. Ensure that the cables are securely fixed and away from all moving parts and excessive temperatures.
- Rubber terminal covers should be fitted to prevent exposed terminals suffering from corrosion. These rubber covers also help to prevent accidental contact with live terminals.
- Open flywheel applications can lead to severe corrosion of the shaft. To prevent this damage, some versions of the starter are available with stainless steel shafts.
- A battery cut -off switch should be used for safety under fault conditions.
- The starter must not be operated by bridging across terminals. Insulating caps should be fitted to prevent accidental connection across terminals.
- The starter must not be used for moving the vehicle.
- Always isolate the supply before adjusting or removing the starter . Do not pull the pinion forward with the starter connected. The battery should be maintained in a good condition, particularly regarding the state of charge and the electrical connections, as these are the main causes of poor starting and of starter motor failure.

**NOTE:** For starter motor safety precautions please reference TSB-1166.

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: