

Source: Prestolite Leece-Neville Heavy Duty Systems
Bulletin No: TSB-1234 **Date:** November 2, 2023
Models: All starters with over crank protection (OCP)
Subject: Understanding how OCP works



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Understanding how **OVER CRANK PROTECTION (OCP)** works

OCP is a built-in thermal switch that protects the starter from damage if the starter is **energized for excessive** periods of time. These conditions **typically** occur during cold weather starting, operator misuse or low battery state of charge.

In the example shown in Fig 1, the OCP is wired in series with the vehicle's start circuit.

Starters with OCP can be used on vehicles that do not use this feature. No connection is required to the OCP connector for the starter to operate.

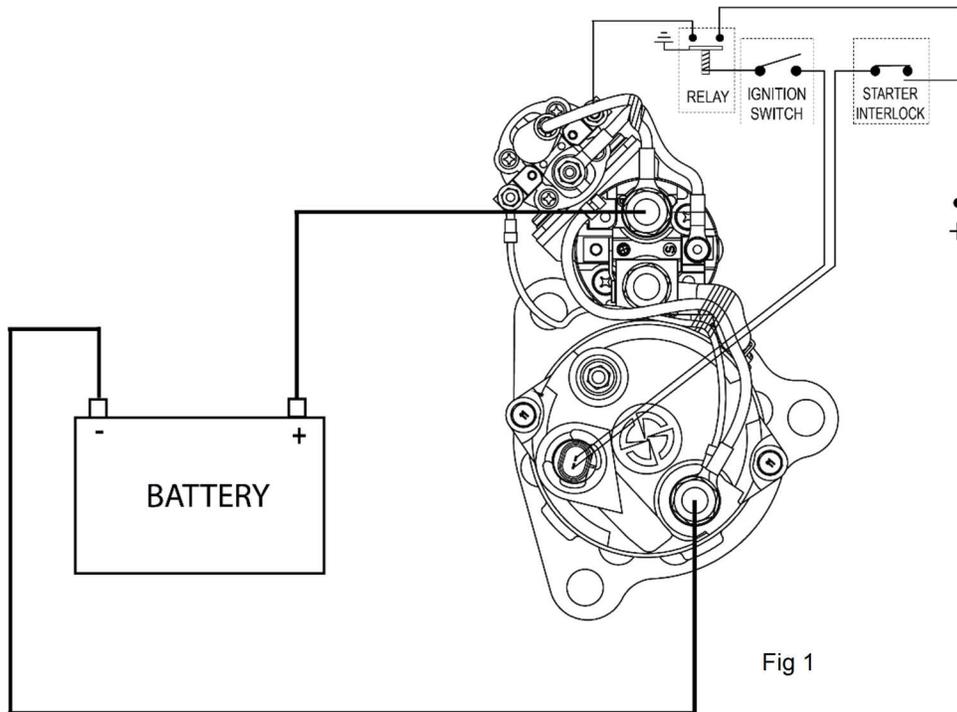


Fig 1

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:

