

Source: Leece-Neville Heavy Duty Systems Division - Arcade, NY USA  
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 Bulletin No: TSB-1170  
 Models: 12V HM95R Starters  
 Subject: Wiring diagrams

**TSB will explain the terminal identifications and locations on the 12V HM95R starters.**

To insure reliable long term operation it is critical that the vehicle ring gear teeth be inspected for excessively worn or frayed edges of the ring gear teeth that may prevent engagement of the starter pinion.  
 Replace ring gear if necessary.

"S" Switch terminal

**\* Note:**

Relay is part of the starter soft start feature. Neither the relay nor the wiring from relay to solenoid should be removed or modified in any circumstance as it will void warranty. Malfunction or serious damage can result from wrong connection.

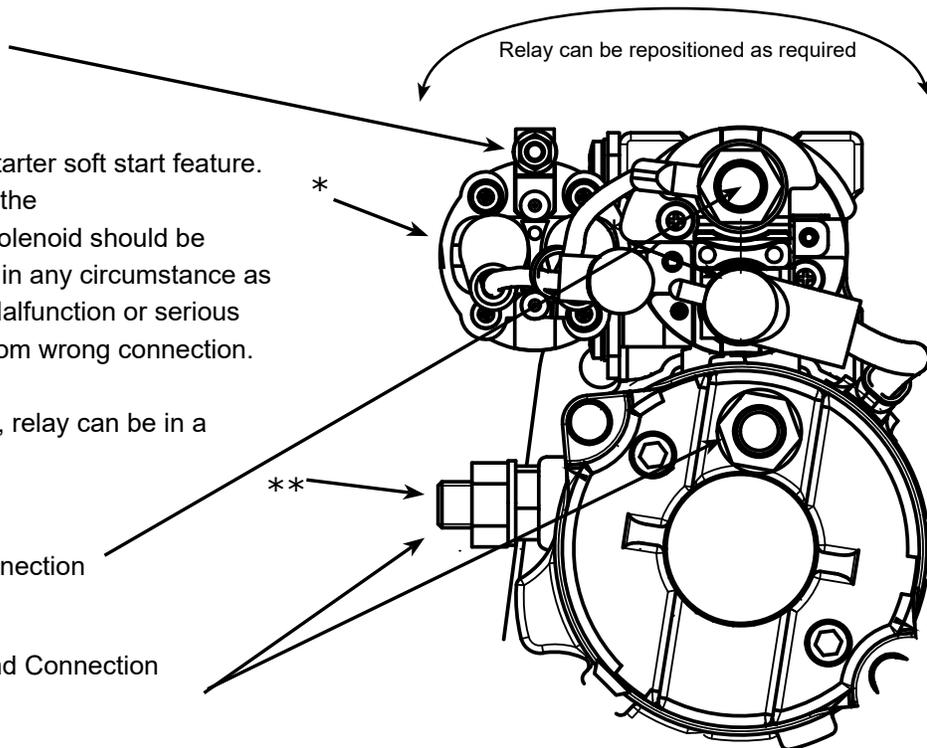
Depending on model, relay can be in a different location.

Primary Positive Connection from battery.

Primary Earth/ Ground Connection from battery.

**\*\* Note:**

Additional ground stud available on some models.



**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: 844-492-4062.