

Source: Leece-Neville Heavy Duty Systems Division - Arcade, NY USA
Date: JULY 7, 2017
Bulletin No: TSB-1113
Models: 12V M105R Starters
Subject: Wiring diagrams

TSB will explain the terminal identifications and locations on the 12V M105R starters.

See page two and three for
"S" Switch terminal locations

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.

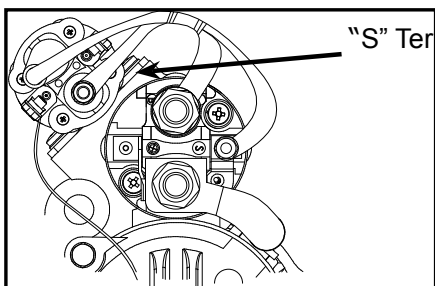
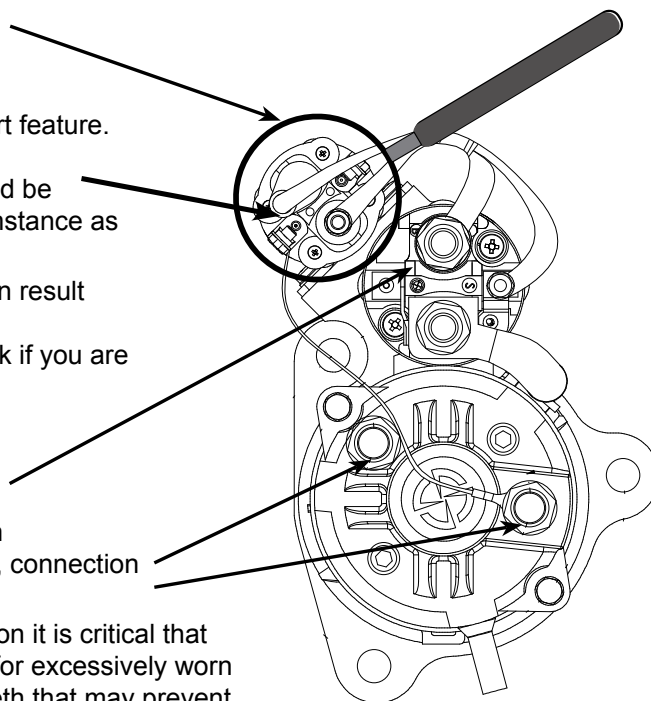
Please consult Prestolite help-desk if you are
in any doubt about starter
connections.

Primary Positive Connection
from battery.

Primary Earth/ Ground Connection
from battery. Depending on model, connection
can be in one of the two locations.

To insure reliable long term operation it is critical that
the vehicle ring gear 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.

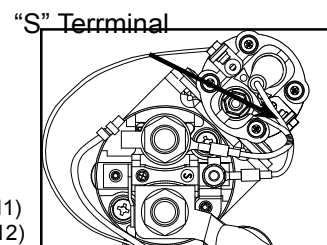


M105R2002SE (M105302)

M105R2502SE (M105602)

**Please refer to your part number
for correct "S" Switch terminal
location.**

M105R2011SE (M105311)
M105R2012SE (M105312)
M105R2511SE (M105611)
M105R2512SE (M105612)
M105R2515SE (M105615)
M105R2518SE (M105618)

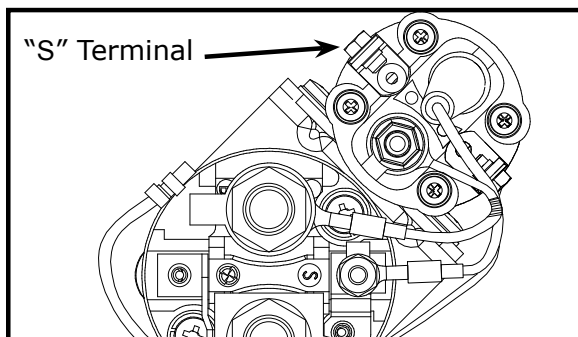


NOTE: For starter motor safety precautions please reference TSB-1166.

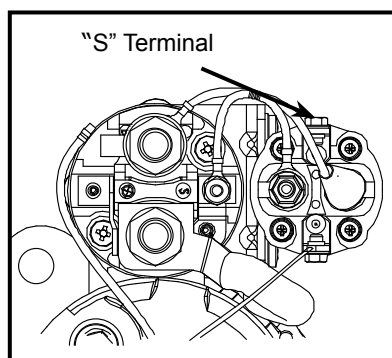
Important: The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers', and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at www.prestolite.com, or contact our technical service department at:

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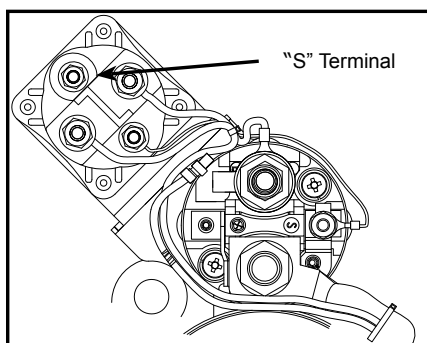
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M105R2501SE (M105601)
M105R2510SE (M105610)
M105R2010SE (M105310)



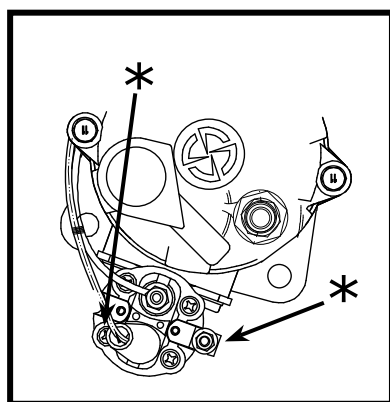
M105R2513SE (M105613)



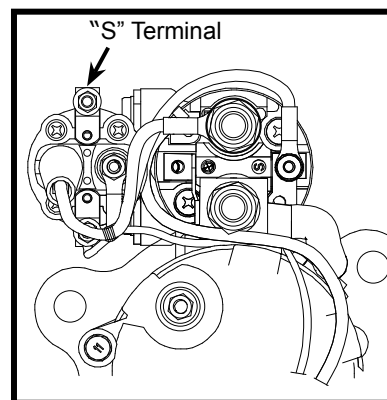
M105R2022SE (M105322)

Note: Each TITAN™ M105R starter is now fitted with terminal placards to help identify these terminals. Upon making each connection to this starter remove and discard each placard.

* When installing on vehicles where both sides of the relay coil are connected to the wiring harness and are controlled by the vehicle ECU, the fitted relay ground wire must be removed and discarded before installation. The vehicle's wiring provides both power and ground to the relay and vehicle wiring polarity is not critical when connecting to the starter relay.



M105R2052SE (M105352)



M105R2503SE (M105603)
M105R2517SE (M105617)

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