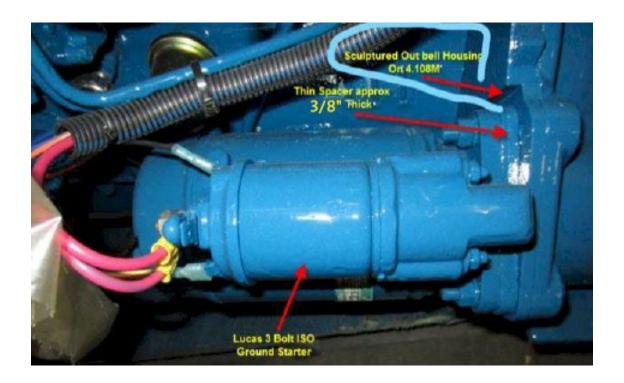


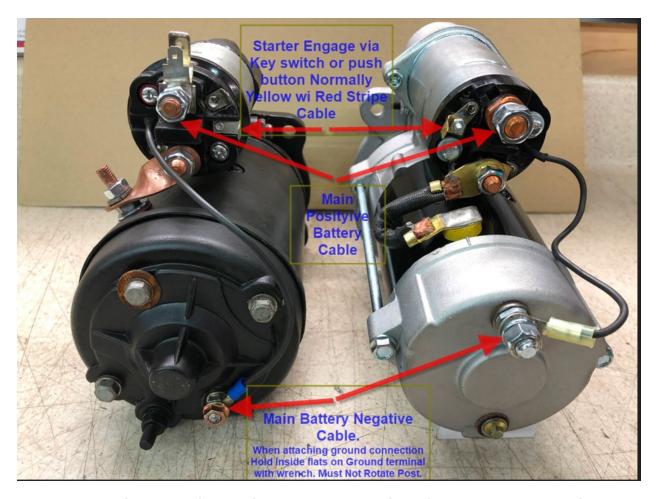
## Trans Atlantic Diesels, Inc. 5906 Fairfield Lane Hayes, VA 23072 (804) 642-9296 tadinc@inna.net

## CONVERSION OF LUCAS M45G ISOLATED GROUND STARTER PER PERKINS 4.107 / 4.108 REPLACING WITH DELCO STYLE STARTER KIT CONVERTED TO ISOLATED GROUND



Electrical Connections: The Negative Ground connections are both located on the rear housings of both starters. All ground wires connected to the Old Lucas starter should be moved and connected to the New Delco Style starter. Important. Always use a second wrench to hold the terminal lock nut in place when tightening, the terminal must not be allowed to rotate or it will damage the internal connections. Connect the main battery Positive cable and the additional cables that were also attached to positive terminal on the old starter over to the large vacant terminal on the new starter. As above, use a second

wrench to secure the locknut when tightening. Yellow with red stiped wire (yours may be different) will connect to the terminal marked "S" this normally comes from the key switch to engage the starter, We supply a ring terminal adaptor, enabling the original spade terminal used on the old starter. If your additional Aux. Positive cables have Female spade terminals, you can always move the Male Terminals to the new starter or replace with ring terminals.



Lucas M45G Isolated Ground Starter.

Delco Style Converted to Isolated Ground Requires additional ¾" spacer, shown in image below.



Kit contains the above items:

1 x New Delco style starter, converted to isolated ground 1 x 3/4" Spacer 3 x 3/8 course thread with washers and nuts