

Source: Leece-Neville Heavy Duty Systems Division - Arcade, NY USA
 Date: July 7, 2017
 Bulletin No: TSB-1160
 Models: M125R
 Subject: Procedure to Change to New IMS Relay

Kit is only required when converting starters that have the old style relay.
 Only the relay needs to be purchased once the starter has been converted or starters using
 the newer style relay.
 Refer to service parts lists for correct relay part number.

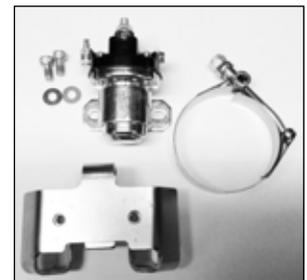
Assembly of KIT K185106366S

Step 1: Install relay to bracket using provided bolts and flat washers.
 Torque bolts to 10-11 Nm. 88-97 in-lbs. (Fig 1)

Step 2: Install clamp on bracket by threading it on the
 three mounting tabs. (Fig 2,3,4,5)



Old style relay



KIT S214105701S

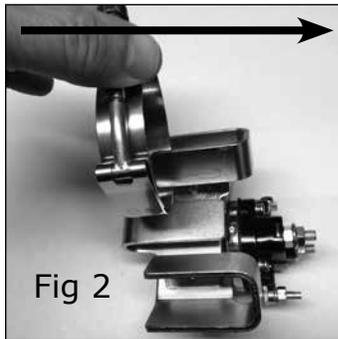


Fig 2

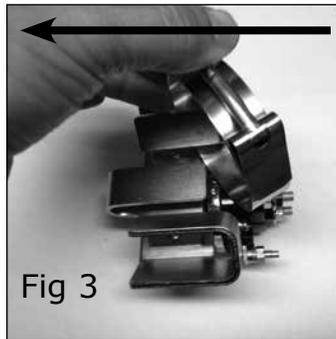


Fig 3

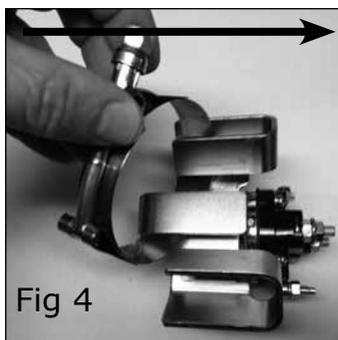


Fig 4

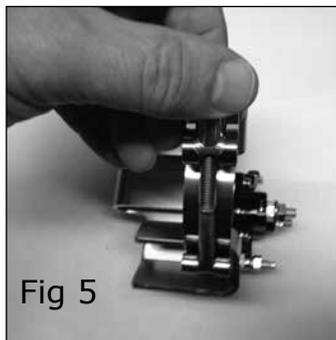


Fig 5

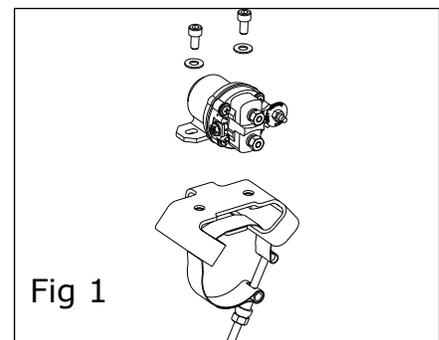


Fig 1

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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Removal and Installation of relay.

Step 3: Remove three wires from relay and nut securing clamp to starter. (Fig 4)

Step 4: Separate clamp and remove relay from starter.

Step 5: Remove nut on new relay clamp and separate clamp.

Step 6: Install new relay. Be sure ground terminal and ignition terminal go to the correct connection. (See Fig 5)
Reassemble clamp and install nut. Rotate relay to desired position and tighten clamp nut. Torque nut to 6.3 Nm 55 in-lbs.

Step 7: Attach wires to new relay. (Fig 6)

Step 8: Conversion complete.

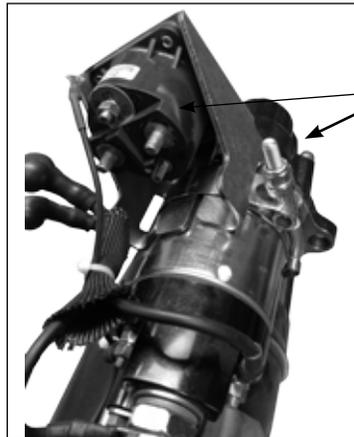


Fig 4

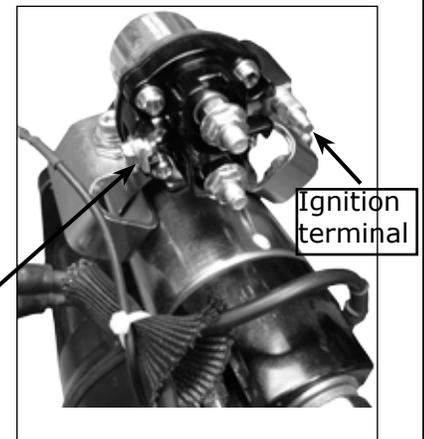


Fig 5

Torque relay screw to 4-5 Nm
35-44 in-lbs.

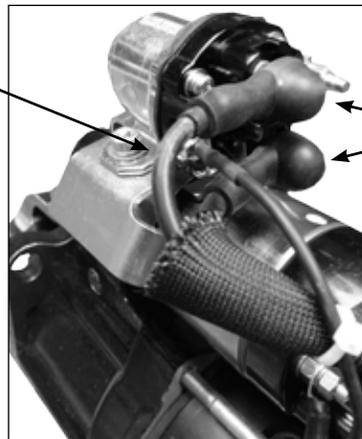


Fig 6

Torque relay nuts to 5-6 Nm
44-53 in-lbs.

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