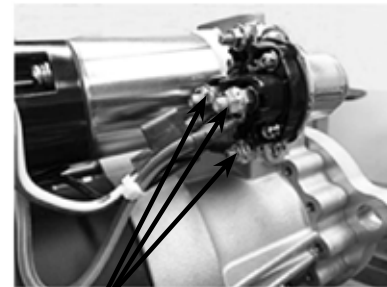


Source: Leece-Neville Heavy Duty Systems Division - Arcade, NY USA
Date: June 8, 2020
Bulletin No: TSB-1176
Models: M128 Starters
Subject: M128 IMS Relay Replacement

Tools needed:
10mm Socket
8 mm Socket
Torx T-27 Socket
Ratchet
Nm Torque Wrench
272 Loctite



- 1) Remove both M6 flange nut (10mm socket) and M5 flange nut (8mm socket) remove solenoid wires. Do not discard nut. Fig (1 and 2)



Remove hardware

Fig. 1

- 2) Remove relay mounting screws with a T27 torx socket. (Fig 3) Do not discard.



Fig. 2

Remove screws

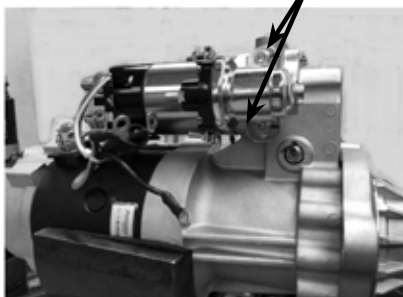


Fig. 3



Fig. 4

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:

Date: June 8, 2020

Bulletin No: TSB-1176

- 4) Apply 272 Loctite to relay mounting screws. (Fig 5)
- 5) Install replacement relay and relay mounting screws removed in step 2. (Fig 6) Torque screws to 8 +/- 1 Nm.
- 6) Reinstall leads removed in step 1. Hold inner nuts with a wrench while torque outer nut to prevent damage to relay. Torque to 3-4Nm. (Fig 7, 8)



Fig. 5

Install screws

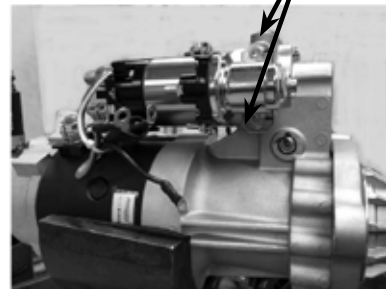


Fig. 6

Hold inner nuts



Fig. 7

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:

Date: June 8, 2020

Bulletin No: TSB-1176

- 7) Install relay ground wire and nut (removed from step 1) on relay terminal and torque to 2-2.5 Nm. (Fig 8)

Note:

If both terminals is a M5 then relay is not polarity sensitive. Then either terminal can be used for the ground connection.

If terminals are M5 and M6 then the relay is polarity sensitive and the larger M6 must be use for the ground.

- 8) Reinstall rubber cap. (Fig 9)

Install M10 M5 nuts

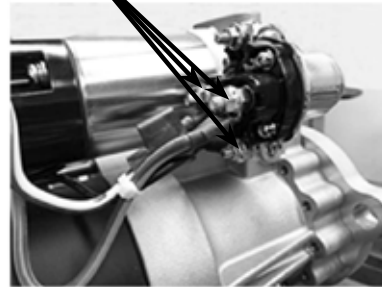


Fig. 8

Reinstall rubber cap

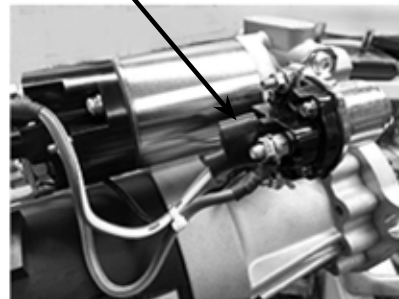


Fig. 9

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: