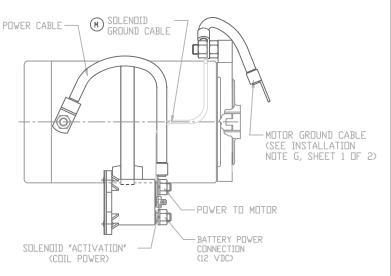


SOLENDID FASTENER TORQUE SPECIFICATION (2) 5/16-24 UNF TERMINAL STUDS 35 LBS-IN MAXIMUM TORQUE SOLENDID COIL POWER 12 VDC. CONNECT TO EITHER PVG SVITCH FOR PVG VALVE OR PANEL MOUNT SVITCH FOR SPV VALVE. (SEE INSTALLATION DETAILS) USE MINIMUM 14 AVG TYPE SXL OR GXL WIRE. VENDOR SUPPLIED 5/16 NUT AND LOCK WASHER (2) 097-2100-00-0 5/16 FLAT WASHER DETAIL C BOOT NOT SHOWN VEW "B-B"

(M) SOLENOID RELOCATION INSTRUCTIONS

- 1- REMOVE THE EXISTING SOLENOID CABLES AND LOOSEN THE SOLENOID CLAMP SCREW.
- 2- POSITION THE SOLENDID IN THE DESIRED LOCATION. PLACE THE CLAMP BETWEEN THE (4) CLAMP GUIDES ON THE SOLENDID MOUNTING BRACKET, TIGHTEN THE SOLENDID CLAMP,
- 3- TIGHTEN THE LOWER POWER TERMINAL NUT ON THE MOTOR TO 50 LBS-IN. INSTALL THE CABLE AND THE UPPER POWER TERMINAL NUT. HOLD THE LOWER TERMINAL NUT WITH A WRENCH WHILE TIGHTENING THE UPPER TERMINAL NUT TO 50 LBS-IN. SEAL CONNECTION WITH BATTERY TERMINAL SEALER AND REPOSITION BOOT.
- 4- INSTALL THE POWER CABLE ON (1) OF THE 5/16-24 SOLENOID TERMINAL STUDS AND TIGHTEN THE TERMINAL NUT TO 35 LBS-IN. DO NOT OVER-TIGHTEN. SEAL CONNECTION WITH BATTERY TERMINAL SEALER AND REPOSITION BOOT.
- 5- INSTALL THE SOLENDID BATTERY POWER CABLE (NOT SHOWN) ON THE REMAINING 5/16-24 TERMINAL STUD AND TIGHTEN THE TERMINAL NUT TO 35 LBS-IN. INSTALL A LONGER SOLENDID GROUND CABLE TO THE LOWER 10-32 TERMINAL STUD USING A MINIMUM 14 AWG TYPE SXL OR GXL WIRE AND TIGHTEN THE TERMINAL NUT TO 15 LBS-IN. RE-INSTALL THE NEW GROUND CABLE TO THE MOTOR GROUND TERMINAL STUD AND TIGHTEN TERMINAL NUT TO 50 LBS-IN. SEAL CONNECTION WITH BATTERY TERMINAL SEALER AND REPOSITION BOOT.
- 6- INSTALL THE SOLENDID "ACTIVATION" WIRE (CDIL POWER) CABLE TO THE UPPER 10-32 TERMINAL STUD AND TIGHTEN THE TERMINAL NUT TO 15 LBS-IN.
- 7- POSITION ALL CABLES SO THEY HAVE THE LEAST POSSIBILITY FOR DAMAGE.
- 8- CABLE BOOTS NOT SHOWN.



NOTE: SOLENDID IS SHOWN IN TYPICALLY RELOCATED POSITION AND ELECTRICAL CONNECTIONS HAVE BEEN MOVED ACCORDINGLY.

PLATE NO. 821AR (SHEET 2 OF 2) | 3844 | 4114 | 4214 |

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