



NOTES:  
 1) ALWAYS GIVE VALVE MODEL AND PART NUMBER WHEN ORDERING.  
 2) OPEN MUFFLER 2 TURNS FROM CLOSED POSITION. TIGHTEN LOCK NUT ON MUFFLER.  
 3) INSTALL MUFFLER WITH MAGNALUBE-G GREASE 1 TO 1-1/2 TURNS FROM HAND TIGHT INTO BODY.  
 4) FOR DIFFERENT VOLTAGES OTHER THAN 120/60, REPLACE TOP CONTROL VALVE WITH VALVE LISTED IN TABLE BELOW.

ALIGN END CAP PILOT WITH BODY PILOT HOLE BOTH ENDS

THE FOLLOWING PARTS ARE INCLUDED WITH THE SUBPLATE VALVE AND ARE USED TO ASSEMBLE.

| QTY | PART NO | DESCRIPTION                                                                                    |             |
|-----|---------|------------------------------------------------------------------------------------------------|-------------|
| 5   | V-92    | O-RING, BUNA-N, 70 DURO, AS-014, (REF 1/2 X 5/8 X 1/16), 3/8" SUBPLATE                         |             |
| 4   | V-35    | SCREW, 10-24 X 7/8, SOCKET HEAD CAP                                                            |             |
| 14  | 1       | SPK-16 KIT - SUBPLATE MOUNT, 2" SUBPLATE VALVES                                                |             |
| 13  | 1       | SY3PDXON 3/8" SUBPLATE, DBL SOL, 3 POS, SPR CTR, REGEN SPL, EXPL PROOF, 120/60, NON-LCKNG OVRD |             |
| 12  | 2       | MFC2 ASSEMBLY - MUFFLER FLOW CONTROL, 1/4" NPT                                                 |             |
| 11  | 3       | V-337 PLUG, SOCKET 1/4-18 FLUSH SEAL PLUG                                                      |             |
| 10  | 2       | V-129 U-CUP, 1-5/8 X 1-1/8 X 1/4, NITRILE                                                      |             |
| 9   | 2       | SPC12 SPOOL - PRESS. CTR, 1 1/2" & 2" VALVE                                                    |             |
| 8   | 2       | V-128 O-RING, BUNA-N, 70 DURO, AS-229, (REF 2-3/8 X 2-5/8 X 1/8), 3 POS, 1-1/2" & 2" VALVES    |             |
| 7   | 2       | V-231 PLUG, SOCKET PRESSURE 1/16-27X 7/8 TAPER FOR 122V, 192V, FOR EC                          |             |
| 6   | 2       | V-89 O-RING, BUNA-N, 70 DURO, AS-110, (REF 3/8 X 9/16 X 3/32), 1" & 2" SUBPLATE PILOT          |             |
| 5   | 2       | PCE12E ENDCAP - PRESSURE CTR, SOLID, 6061-T6 AL, 1-1/2" & 2" VALVES                            |             |
| 4   | 12      | V-143 SCREW, 5/16-18 X 2, SOCKET HEAD CAP                                                      |             |
| 3   | 1       | S12D SPOOL - 'D', REGEN CTR, 1 1/2" & 2" VALVE                                                 |             |
| 2   | 6       | V-123 O-RING, BUNA-N, 70 DURO, AS-331, (REF 2-1/4 X 2-5/8 X 3/16), 1-1/2" & 2" VALVES          |             |
| 1   | 1       | BP16-6 BODY, 2" SUBPLATE, PIGGY BACK                                                           |             |
| FLG | QTY     | PART NO                                                                                        | DESCRIPTION |

LIMITS ON DIMENSIONS  
 UNLESS OTHERWISE SPECIFIED  
 2-PL DECIMAL ± .01  
 3-PL DECIMAL ± .005  
 FRACTIONAL ± 1/64  
 ANGULAR ± 1/2°



DRAWN: RMcKenna DATE: 3/17/2016 CHECKED: KWaite DATE: 3/17/2016  
 SCALE: 1/2 SHEET: 1 OF 1 RELEASED: HWomack DATE: 3/17/2016

| CONTROL VALVE VOLTAGES |                 |
|------------------------|-----------------|
| PART NO                | REPLACE WITH    |
| SY16PDXON 240/60       | SY3PDXON 240/60 |
| SY16PDXON 24VDC        | SY3PDXON 24VDC  |
| SY16PDXON 12VDC        | SY3PDXON 12VDC  |

TITLE: 2" SUBPLATE, DBL SOL, 3 POS, PRESS CTR, REGEN CTR SPL, EXPL PROOF, 120/60, NON-LCKNG OVRD  
 PART NO.: SY16PDXON  
 REV.:

THE INFORMATION CONTAINED WITHIN THIS DOCUMENT IS PROPRIETARY TO AAA PRODUCTS AND MAY NOT BE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT

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