



- 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.

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 |

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|-----|-----|---------|---|
| 12 | 1 | SPK-16 | KIT - SUBPLATE MOUNT, 2" SUBPLATE VALVES |
| 11 | 1 | ESS3PHL | 3/8" SUBPLATE, DBL SOL, 2 POS, FRICTION POS, SOL RTRN, HIGH TEMP, 120/60, DUST EXCLDR |
| 10 | 2 | MFC2 | ASSEMBLY - MUFFLER FLOW CONTROL, 1/4" NPT |
| 9 | 3 | V-337 | PLUG, SOCKET 1/4-18 FLUSH SEAL PLUG |
| 8 | 2 | V-124 | O-RING, BUNA-N, 70 DURO, AS-231, (REF 2-5/8 X 2-7/8 X 1/8), 2 POS, 1-1/2" & 2" VALVES |
| 7 | 2 | V-89 | O-RING, BUNA-N, 70 DURO, AS-110, (REF 3/8 X 9/16 X 3/32), 1" & 2" SUBPLATE PILOT |
| 6 | 2 | V-231 | PLUG, SOCKET PRESSURE 1/16-27X 7/8 TAPER FOR 122V, 192V, FOR EC |
| 5 | 12 | V-143 | SCREW, 5/16-18 X 2, SOCKET HEAD CAP |
| 4 | 2 | PEC12E | ENDCAP - PILOT, SOLID, 6061-T6 AL, 1-1/2" & 2" VALVES |
| 3 | 1 | S12 | SPOOL - STANDARD, 2 POS - 3 POS CLOSED 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 |

| CONTROL VALVE VOLTAGES | |
|------------------------|---------------|
| PART NO | REPLACE WITH |
| ESS16PHL 12VDC | ESS3PHL 12VDC |

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|--|----------------|--|--------------------|--|
| LIMITS ON DIMENSIONS UNLESS OTHERWISE SPECIFIED | | 2-PL DECIMAL ± .01 3-PL DECIMAL ± .005 FRACTIONAL ± 1/64 ANGULAR ± 1/2° | | AAA PRODUCTS INTERNATIONAL 7114 Harry Hines Blvd Dallas, TX 75235 |
| DRAWN: RMckenna | DATE: 5/5/2016 | CHECKED: KWaite | DATE: 5/6/2016 | |
| SCALE: 1/2 | SHEET: 1 OF 1 | RELEASED: HWomack | DATE: 5/6/2016 | |
| TITLE: 2" SUBPLATE, DBL SOL, 2 POS, FRICTION POS, SOL RTRN, HIGH TEMP, 120/60, DUST EXCLDR | | | PART NO.: ESS16PHL | REV.: |

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