



10 SEE NOTES 2 & 3

- NOTES:
 1) ALWAYS GIVE VALVE MODEL AND PART NUMBER WHEN ORDERING.
 2) OPEN MUFLER 2 TURNS FROM CLOSED POSITION. TIGHTEN LOCK NUT ON MUFLER.
 3) INSTALL MUFLER 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	
2	V-93	O-RING, BUNA-N, 70 DURO, AS-008, (REF 3/16 X 5/16 X 1/16), 3/8" SUBPLATE PILOT	
12	1	SPK-16 KIT - SUBPLATE MOUNT, 2" SUBPLATE VALVES	
11	1	ESR3PM 3/8" SUBPLATE, SNGL SOL, 2 POS, FRICTION POS, PILOT RTRN, FLYING LEAD, 120/60	
10	2	MFC2 ASSEMBLY - MUFLER FLOW CONTROL, 1/4" NPT	
9	2	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	3	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

SECTION A-A
 SCALE 1/2
 VIEW FROM 3 PORT SIDE

CONTROL VALVE VOLTAGES	
PART NO	REPLACE WITH
ESR16PMZ 240/60	ESR3PM 240/60
ESR16PMZ 24VDC	ESR3PM 24VDC
ESR16PMZ 12VDC	ESR3PM 12VDC

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

AAA PRODUCTS INTERNATIONAL
 PRODUCTS INTERNATIONAL
 7114 Harry Hines Blvd
 Dallas, TX 75235

DRAWN: RMckenna	DATE: 6/3/2016	CHECKED: KWaite	DATE: 6/3/2016
SCALE: 1/2	SHEET: 1 OF 1	RELEASED: HWomack	DATE: 6/3/2016
TITLE: 2" SUBPLATE, SNGL SOL, 2 POS, FRICTION POS, SPRING RTRN, FLYING LEAD, 120/60, EXT PILOT		PART NO.: ESR16PMZ	REV.:

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