



12 SEE NOTES 2 & 3

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	SY3PDM	3/8" SUBPLATE, DBL SOL, 3 POS, SPR CTR, REGEN CTR SPL, MOLD-OVER, 120/60, DUST EXCLDR
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	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

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

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

DRAWN: RMcKenna DATE: 3/12/2016 CHECKED: KWaite DATE: 3/12/2016  
 SCALE: 1/2 SHEET: 1 OF 1 RELEASED: HWormack DATE: 3/12/2016

CONTROL VALVE VOLTAGES	
PART NO	REPLACE WITH
SY16PML 240/60	SY3PDM 240/60
SY16PML 24VDC	SY3PDM 24VDC
SY16PML 12VDC	SY3PDM 12VDC

TITLE: 2" SUBPLATE, DBL SOL, 3 POS, PRESS CTR, SOL SHFT, CLSD CTR SPL, MOLD-OVER, 120/60, DUST EXCLDR  
 PART NO.: SY16PML  
 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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