



- 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
2	V-93	O-RING, BUNA-N, 70 DURO, AS-008, (REF 3/16 X 5/16 X 1/16), 3/8" SUBPLATE PILOT
11	1	ESR3POL 3/8" SUBPLATE, SNGL SOL, 2 POS, FRCTN POS, PILOT RTRN, 120/60, LCKNG OVRD, 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	B12-6 BODY, 1 1/2" SIDE PORT, 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
ESR12OL 240/60	ESR3POL 240/60
ESR12OL 24VDC	ESR3POL 24VDC
ESR12OL 12VDC	ESR3POL 12VDC

LIMITS ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

2-PL DECIMAL ± .01  
3-PL DECIMAL ± .005  
FRACTIONAL ± 1/64  
ANGULAR ± 1/2°

DRAWN: RMckenna DATE: 5/25/2016  
SCALE: 1/2 SHEET: 1 OF 1

TITLE:  
1-1/2" SIDE PORT, SNGL SOL, 2 POS,  
FRICTION POS, PILOT RTRN, 120/60,  
LCKNG OVRD, DUST EXCLDR

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

CHECKED: KWaite DATE: 5/25/2016  
RELEASED: HWomack DATE: 5/25/2016

PART NO.: ESR12OL

REV.:

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