

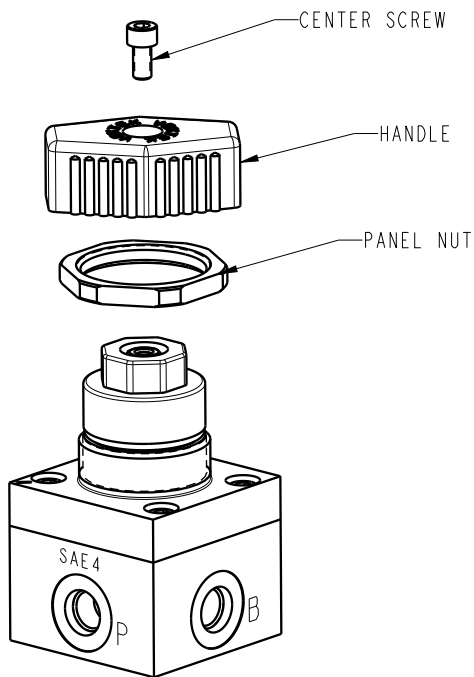
- NOTES:
1. APPLY LOW STRENGTH THREAD LOCKER TO THREADS. TIGHTEN TO 80 IN-LBS TORQUE.
  2. INSTALL ROTOR WITH DIMPLE FACING NOTCH IN TOP BODY.
  3. INSTALL BALL AND SPRING INTO INDICATED LOCATION.
  4. USE EXTREME CAUTION, DO NOT DAMAGE BOTTOM SURFACE OF ROTOR OR TOP SURFACES OF POPPETS.
  5. REASSEMBLE UPPER SECTION OF VALVE FIRST.
  6. PLACE ITEMS 2, 4, 7, 12, AND 18 IN BASE AND FINISH ASSEMBLY.
  7. STRETCH O-RING OVER 87114015 AFTER IT HAS BEEN ATTACHED TO THE ROTOR.

NO	QTY	PART NO	DESCRIPTION	STD SEAL KIT	FKM SEAL KIT	SPRING KIT
1	1	21410047	SCREW, CAP, SOCH, 10-24 X 3/8, ALY			
2	4	21430049	WASHER			X
3	4	21500031	SHCS, M5 x 0,8 x 14, ALY			
4	4	23350138	SPRING, COMPRESSION			X
5	1	23350139	SPRING, COMPRESSION			
6	1	23650019	BALL, .1875, 304 SSSL			
7	4	39000038	O-RING, (-008)	X	39051021	X
8	1	39001024	O-RING, (-121)	X	39051008	
9	1	39050043	O-RING, (-012)	X	39V51044	
10	1	39051055	O-RING, (-021)	X	39001049	
11	1	39054010	BU RING, (-012)	X	39V54010	
12	1	47114012	BASE, VALVE, MANUAL, G1/4			
13	1	85600902	HANDLE, VALVE, LONG			
14	1	85600903	HANDLE, VALVE, SHORT			
15	1	85600904	SCREW, ADAPTER, HANDLE, VALVE			
16	1	87114002	BODY, VALVE, MANUAL			
17	1	87114008	WASHER, THRUST, VALVE, MANUAL			
18	1	87114009	BEARING, THRUST, NEEDLE, VALVE, MANUAL			
19	1	87114013	NUT, MOUNT, PANEL, VALVE, MANUAL			
20	1	87114015	ADAPTER, HANDLE, VALVE			
21	2	90199924	PIN, DOWEL, 1/8 X 3/8, STD, STL, HDN			
22	1	90199984	PIN, DOWEL, 4mm x 14mm, ALY, HDN			
23	4	39F54019	BU RING, (-008)	X	39V54015	X
N/A	N/A	60701614	KIT, SEAL, VALVE, MANUAL	NOTED	NA	NA
N/A	N/A	60701615	KIT, SEAL, FKM, VALVE, MANUAL	NA	NOTED	NA
N/A	N/A	61701000	KIT, SPRING, VALVE, MANUAL	NA	NA	NOTED
N/A	N/A	1S7124	INSTRUCTION SHEET			

<b>PARTS LIST</b>	
	VEKTEK, INC. 1334 E. SIXTH AVE. P.O. BOX 625 EMPORIA, KS. 66801 U.S.A.
ASSEMBLIES AFFECTED 43-1347-21	PARTS LIST, ASSY, VALVE, MANUAL, G1/4, 4/3, CC
SIZE A	MPL7182
	REV C

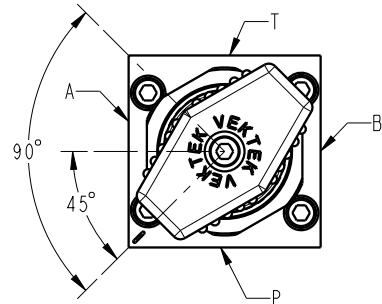
FORM FEG035\_PL\_ASIZE, REV. B

C	3892	RELEASE	ALS	08/08/19
REV	IN ACCORDANCE WITH ECN	EFFECTIVE DATE	REVISED BY	DATE
DRW BY:	ALS	<b>DRAWING STATUS: Released</b> PRODUCTION APPROVED FOR RELEASED STATUS ONLY		
DATE:	03/25/19			



Center Position  
All lines blocked  
A or B pressure held

Handle here in position B  
P to B  
A to T



Handle here in position A  
P to A  
B to T

Switch valve from position A or B to center position to hold pressure in A or B line. Center position will hold pressure in case of pressure loss from pump.

To Reposition Handle:

1. Remove center screw
2. Take off and reposition handle
3. Apply low strength loctite to center screw
4. Torque center screw to 20 in-lbs

To Panel Mount Valve:

1. Remove center screw
2. Take off handle and panel nut
3. Position valve in panel and tighten panel nut
4. Replace handle
5. Apply low strength loctite to screw and torque to 20 in-lbs

OR

1. Use screw holes in bottom of base to mount valve.  
(metric uses M5x0.8 and inch uses 10-24 bolts)

INSTALLATION INSTRUCTIONS



VEKTEK, INC.  
1334 E. SIXTH AVE. P.O. BOX 625  
EMPORIA, KS. 66801 U.S.A.

ASSEMBLIES AFFECTED  
71-3472-01  
43-1347-21

INSTRUCTION SHEET, VALVE, MNL, PANEL MNT, 3/4, CC

SIZE A 1S7124 REV A

A	3892	RELEASE	ALS	08/08/19
REV	IN ACCORDANCE WITH ECN	EFFECTIVE DATE	REVISED BY	DATE
DRW BY:	ALS	<b>DRAWING STATUS: Released</b>		
DATE:	08/08/19	PRODUCTION APPROVED FOR RELEASED STATUS ONLY		

FORM FEG041-IS.AS1ZE, REV. B

SHEET 1 OF 1