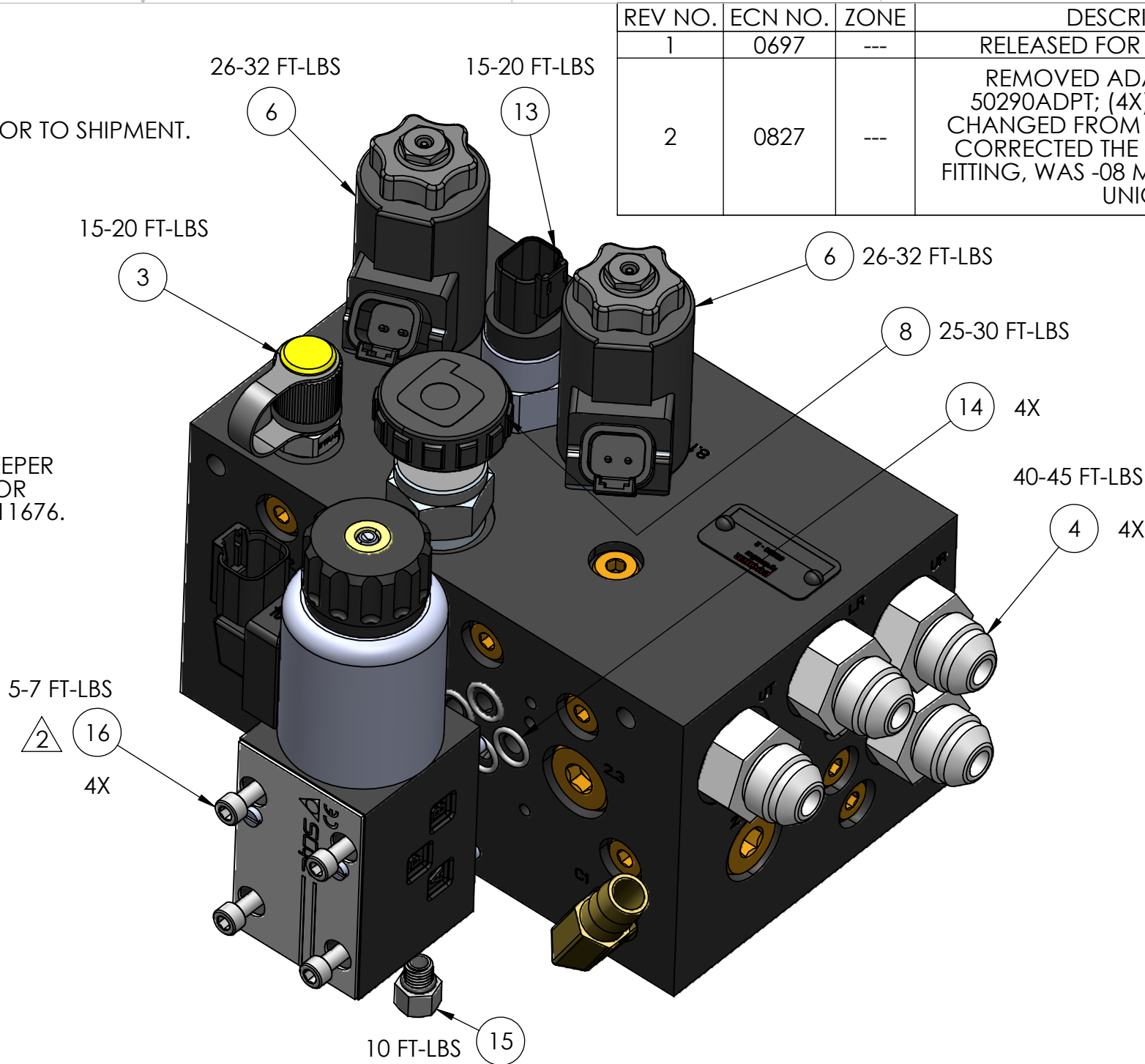
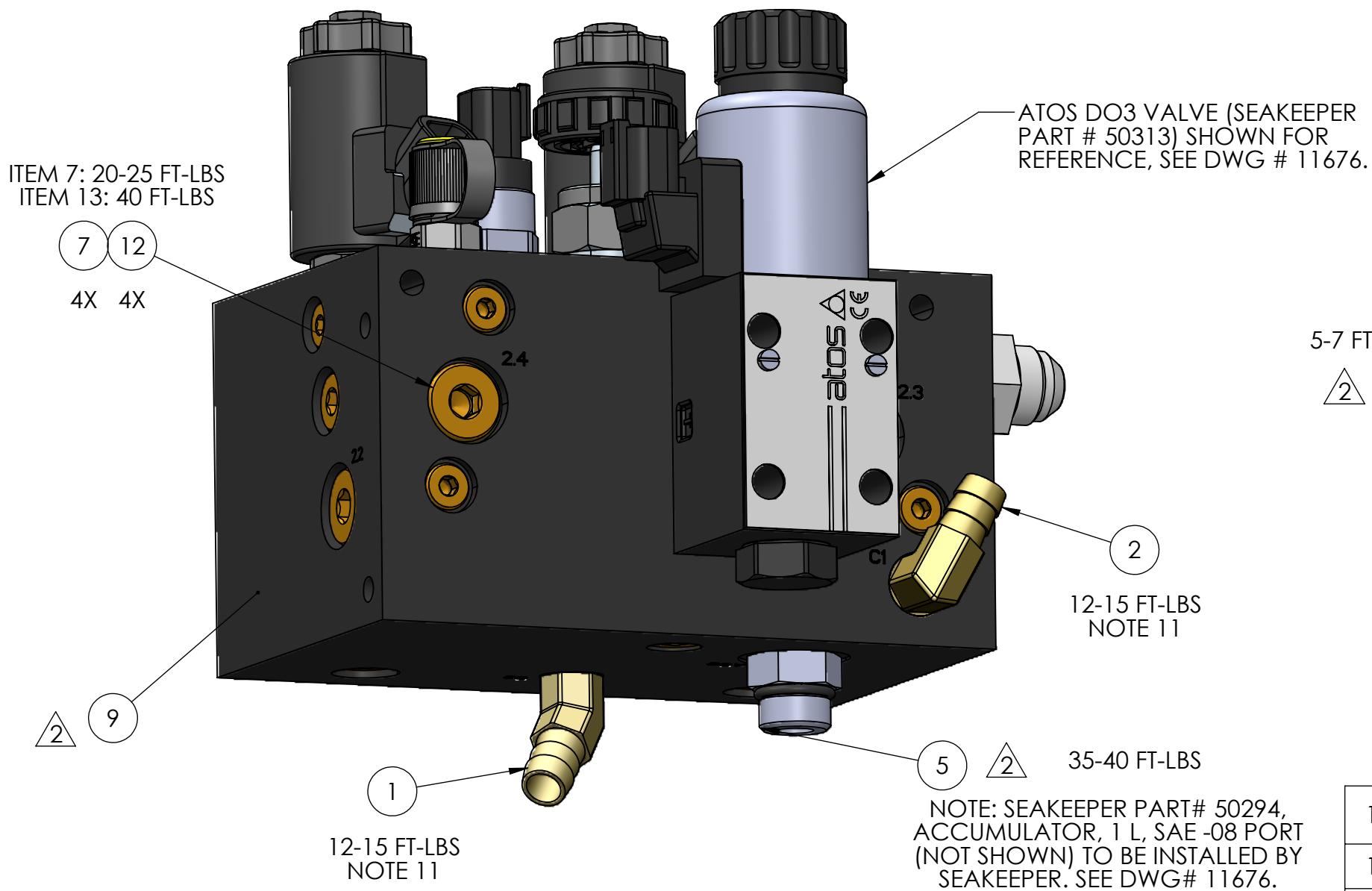


- NOTES: 1) MANIFOLD IS PROVIDED TO SEAKEEPER AS A COMPLETE, TESTED ASSEMBLY WITHOUT GLYCOL COOLANT.
- MANIFOLD IS PROVIDED TO SEAKEEPER WITH ATOS VALVE INSTALLED BY BUCHER.
2) THE MANIFOLD BLOCK IS CUSTOM MACHINED, DE-BURRED, CLEANED AND PRESSURE TESTED BY VENDOR.
3) MANIFOLD BLOCK FINISH: STANDARD BLACK HARD COAT.
4) ALL EXTERIOR COMPONENTS TO BE ZINC-NICKEL PLATED FOR 750+ SALT SPRAY LIFE.
5) ALL OPEN PORTS AND ELECTRICAL CONNECTIONS SHALL HAVE PROTECTIVE PLUGS OR CAPS INSTALLED PRIOR TO SHIPMENT.
6) PRESSURE SWITCH IS TO BE SET AT 150 PSI FALLING. ± 15 PSI (INTENDED SYSTEM CHARGE PRESSURE 350 PSI).
7) REPLACEMENT COIL FOR ITEM 8, PROPORTIONAL VALVE: ATOS PART# COZEK-6DC / SEAKEEPER #50258.
8) REPLACEMENT COIL FOR ITEM 6, SOLENOID: BUCHER HYDRAULICS PART# 400280152 / SEAKEEPER #50342.
9) SEAKEEPER APPROVED EQUIVALENT PARTS MAY BE USED IN PLACE OF BOM ITEMS.
10) ITEMS 11, 12, AND 13 TO BE USED TO CLOSE DRILL PASSAGES.
11) LOCTITE 564 THREAD SEALANT TO BE USED ON ANY NPT THREADING WITHIN MANIFOLD BLOCK.



REV NO.	ECN NO.	ZONE	DESCRIPTION	DATE	APPRVD.
1	0697	---	RELEASED FOR PRODUCTION	2/25/2020	EMS
2	0827	---	REMOVED ADAPTOR PLATE, 50290ADPT; (4X) SHCS LENGTH CHANGED FROM 1.75IN TO 1.25IN; CORRECTED THE ACCUMULATOR FITTING, WAS -08 MORB X -06 MORB UNION	6/1/2020	WMG

PORT SCHEDULE		
NAME	SIZE	ITEM NO.
C1	NPTF 06	2
C2	NPTF 06	1
CHG	SAE #4	3
ACC	SAE #6	5
PS	SAE #4	14
UT	SAE #8	4
LR	SAE #8	4
UR	SAE #8	4
LT	SAE #8	4
2.1	SAE #8	7, 13
2.2	SAE #8	7, 13
2.3	SAE #8	7, 13
2.4	SAE #8	7, 13
3.1	SAE #8	9
8.1	SAE #8	6
8.2	SAE #8	6

16	---	SCREW, SOCKET HD, 10-24 X 1.25"	18-8 SS	MCMMASTER	92196A249	4	
15	---	PLUG, MORB, SAE -02	ZnNi PLTD	MCMMASTER	50925K336	1	
14	---	O-RING, SIZE 012, 1/16" WD, DUROMETER 90	BUNA	FASTENAL	0414030	4	
13	50343	PRESSURE SWITCH, 150 PSI	ZnNi PLTD	BUCHER	5202801008	1	NOTE 6
12	50341	PLUG, SKT HEX, SAE ORB -08	ZnNi PLTD	BUCHER	5202100191	4	
11	50340	PLUG, SKT HEX, SAE ORB -06	ZnNi PLTD	BUCHER	5202100190	5	TORQUE TO 35 FT-LBS
10	50339	PLUG, SKT HEX, SAE ORB -04	ZnNi PLTD	BUCHER	5202100189	12	TORQUE TO 10 FT-LBS
9	50338	SK6 RECTIFIED MANIFOLD BLOCK	AL 6061-T6, ANODIZED	BUCHER	5201004470	1	NOTE 3
8	50335	FLOW CONTROL NEEDLE	ZnNi PLTD	BUCHER	5205300458	1	SEAL KIT P/N: 5207300005
7	50292	CHECK VALVE, SIZE 08, 0.2 BAR	---	BUCHER	170648340	4	INSTALLED IN MANIFOLD
6	50291	2 WAY SOLENOID BLOCKING VALVE W/ REVERSE FLOW CHECK, 12VDC	ZnNi PLTD	BUCHER	400511313	2	NOTE 8
5	50239	ADAPTOR FITTING, -08 MORB X -08 MORB UNION	ZINC PLTD STL	BUCHER	FIT-8-F50HF50-S ZnNi	1	
4	50226	ADAPTOR, -08 SAEORB TO -08 JIC MALE STRAIGHT	ZINC NICKEL PLTD	BUCHER / BRENNAN	5202100186 / 6400-08-08-O-ZN	4	
3	50006	TEST PORT FITTING W/ PLASTIC CAP	STEEL/PLASTIC	BUCHER / STAUFF	5202100184 / SKK-20-7/16"-UNF-VE-KK-C6F	1	
2	40298	ELBOW, 90 DEG BARBED FTG. 1/2" HOSE ID X 3/8" NPT MALE	BRASS	BUCHER / MCMMASTER	5202100185 / 53525K21	1	NOTE 11
1	40257	ELBOW, 45 DEG BARBED FTG 1/2" HOSE ID X 3/8" NPT MALE	BRASS	BUCHER / MCMMASTER	5202100186 / 53525K51	1	NOTE 11
ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	VENDOR	VENDOR NO.	QTY.	NOTE

WEIGHT - LBS : ---

MATERIAL: ---

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DRAWN: EMS
ENG APPR: WMG
PROD APPR: ---

DATE: 07NOV2019
DATE: 11NOV2019
DATE: ---

SEAKEEPER®

Seakeeper Inc. 45310 Abell House Lane, Suite 350 California, MD 20619

NAME: SK6 RECTIFIED MANIFOLD ASSEMBLY, D03 VALVE, BUCHER

DWG NUMBER 50290-SP

REV. NO. 2

SHEET NO. 1 OF 1