TECHNICAL SERVICE PARTS 01-19 AKRON BRASS FOR SERVICE PLEASE GO ONLINE TO, ONLINEREPAIR.AKRONBRASS.COM 12-21 STYLE 3446 **ASSEMBLY NOTES:** USE PARKER O-LUBE ON ALL O-RINGS AND MATING * MANUFACTURED AFTER SURFACES, UNLESS OTHERWISE NOTED. PRODUCT MERCURY MASTER 1000 JULY 2014 ALL VIEWS SHOWN WITH SHUT-OFF BALL OPEN. 1 USE PERMABOND LM113 OR LOCTITE 222. 2 USE PRIMER T AND PERMABOND HH120 OR LOCTITE 277. DO NOT USE PARKER O-LUBE. (114)4 USE LOW-TEMP LUBRIPLATE. (110)(16)(111)(112)5 DIMPLE AT ASSEMBLY. CENTER WITH 86 A 6 USE PERMABOND LH050 OR LOCTITE 592. LUG HANDWHEEL ROTATES COUNTER CLOCKWISE TO OPEN AND CLOCKWISE TO CLOSE. 8 CLEAN WITH ALCOHOL. 9 USE PERMABOND MM115. 95 10 TORQUE TO 25 FT.LBS. (75) 12 11 TORQUE TO 40 IN-LBS. (71 $(73)^{1}$ (37) (32) (34) (31) (99) (98)(76)(104) **DUAL INLET** -54 BALLS 3 1/2",4" SWIVEL 〔27〕 4 1/2",5" SWIVEL —62 BALLS **≺** PHONE: 800.228.1161 | www.akronbrass.com Parts List Sheet: WARRANTY AND DISCLAIMER*: We warrant Akron Brass products for a period of five (5) years* after purchase against defects in materials or workmanship. Akron Brass will repair or replace product which fails to satisfy this warranty. Repair or replacement shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service. We will not be responsible for: wear and tear; any improper installation, use, maintenance or storage; negligence of the owner or user; repair or 124588 modification after delivery; failure to follow our instructions or recommendations; or anything else beyond our control. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from

any cause whatsoever. No person has authority to change this warranty. *Unless otherwise provided herein. Akron Brass industrial electronic components & the Severe-Duty Monitor have a one (1) year warranty. Select Akron Brass handline nozzles and valves carry a ten (10) year warranty. Scene Star Lights carry a (6) year warranty. Weldon products have a two (2) year warranty from date of manufacture (excluding consumable components). Select Weldon LED products carry a five (5) year warranty. Honda products

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Date



STYLE 3446

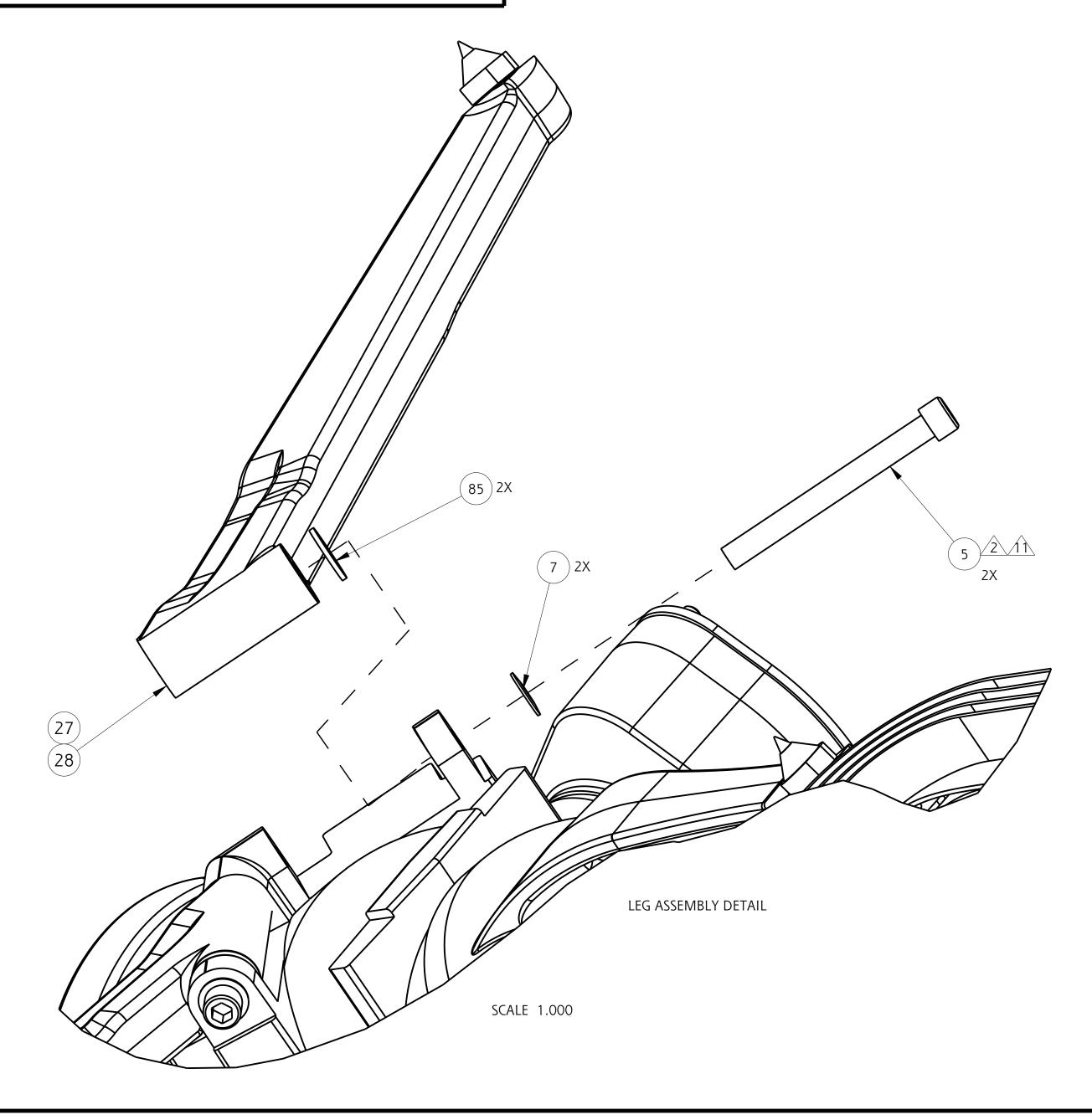
PRODUCT MERCURY MASTER 1000

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ASSEMBLY NOTES:

USE PARKER O-LUBE ON ALL O-RINGS AND MATING SURFACES, UNLESS OTHERWISE NOTED.

ALL VIEWS SHOWN WITH SHUT-OFF BALL OPEN.

1 USE PERMABOND LM113 OR LOCTITE 222.

USE PRIMER T AND PERMABOND HH120 OR LOCTITE 277.

DO NOT USE PARKER O-LUBE.

4 USE LOW-TEMP LUBRIPLATE.

5 DIMPLE AT ASSEMBLY.

6 USE PERMABOND LH050 OR LOCTITE 592.

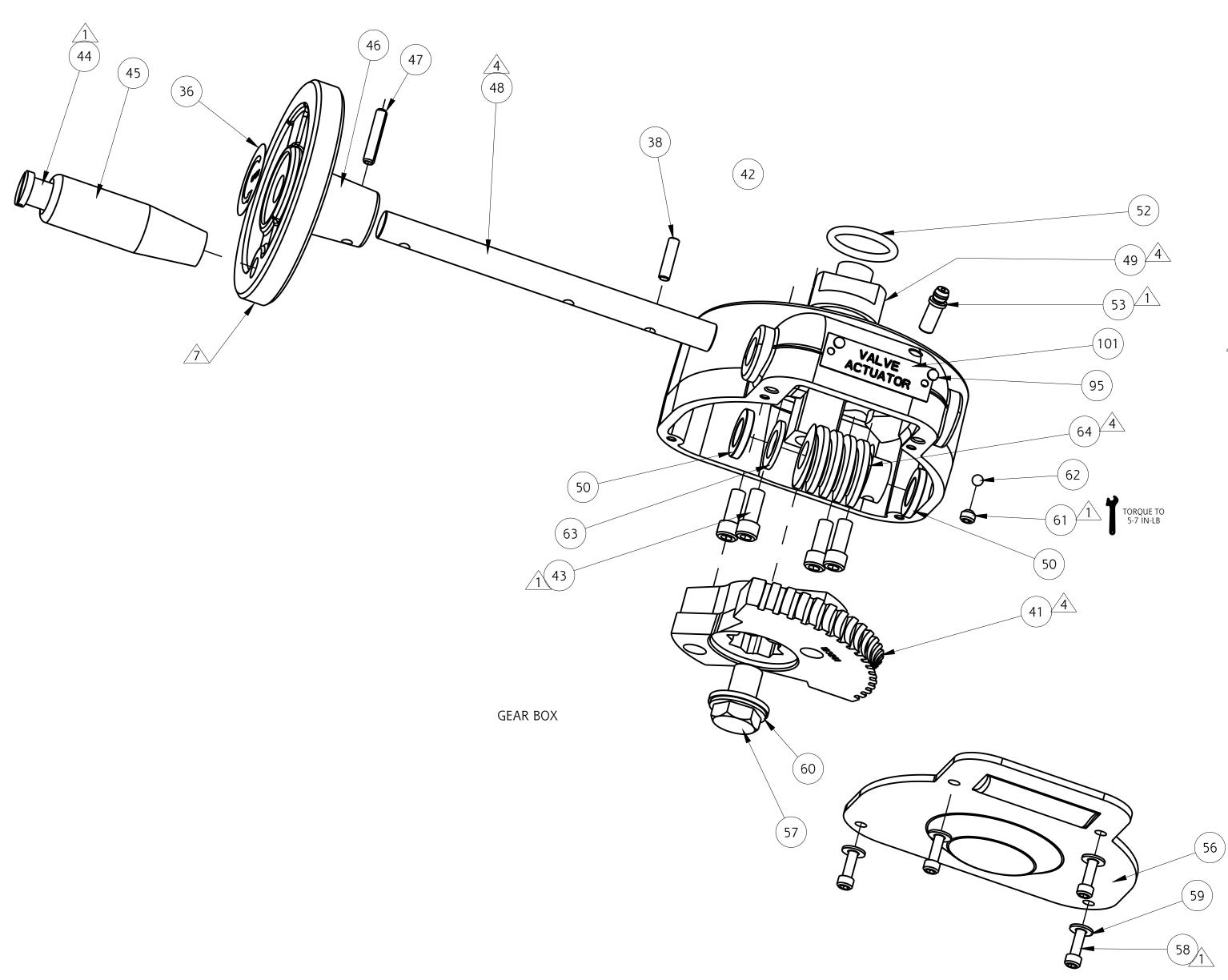
HANDWHEEL ROTATES COUNTER CLOCKWISE TO OPEN AND CLOCKWISE TO CLOSE.

8 CLEAN WITH ALCOHOL.

9 USE PERMABOND MM115.

TORQUE TO 25 FT.LBS.

11 TORQUE TO 40 IN-LBS.



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> 4" SWIVEL 54 BALLS

62 BALLS

4-1/2 - 5" SWIVEL

Chg. Date 01-19 20 12-21

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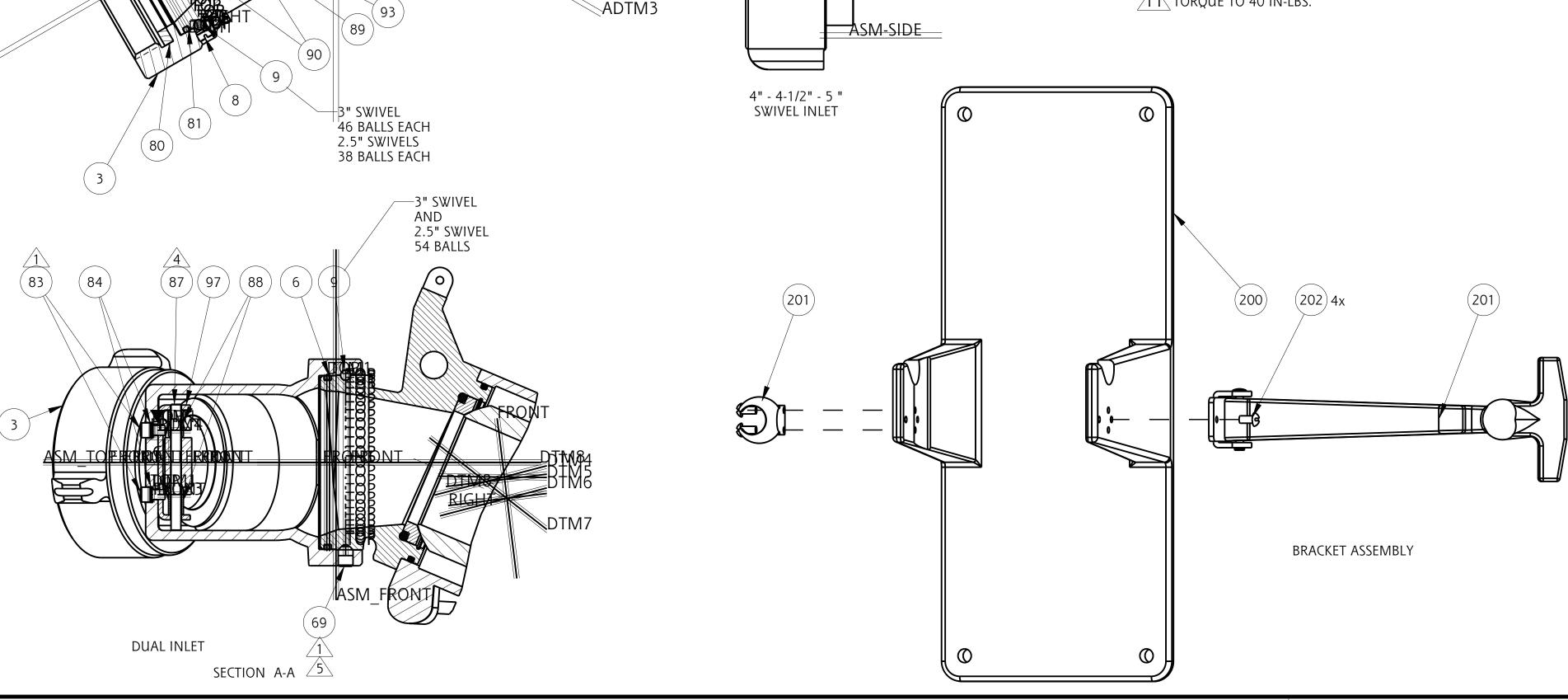
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Chg.	Date		
19	01-19		
20	12-21		

Find		Description	ltem	QTY
1		GAUGE PRESSURE 0-350 LBS	718322	1
4		SPIKE GROUND	94430001	1
5		SCREW HEX HEAD 5/16-18 X 3"	765247	2
7		WASHER BELLEVILLE	784143	2
8	D	PLUG SWIVEL 3/8 -24 X 3/16"	-	1
10		O-RING 2-148	757332	1
11		OUTLET	120301	1
12		BALL OUTLET	120297	1
13		BODY	120303	1
14	В	SPRING	-	1
15		SPRING LATCH	769694	1
16	В	SPRING WEDGE	-	1
17	B	PIN ROLL3/16 X 7/8LG	_	1
18	B	PIN ROLL 5/32 X 15/16LG	_	1
20	B	HOUSING HANDLE	_	1
21	В	END CLEVIS		1
22	В	HOLDER SPRING		1
23	В	GUIDE SPRING	-	2
24	В	SHAFT	-	1
	В		-	1
25		WEDGE LATCH	-	•
26	В	PLATE LATCH	124202	3
27		LEG RIGHT	124283	1
28		LEG LEFT	124305	1
29		TRUNNION	772226	3
30		O-RING 2-239	757367	2
31	A	SEAT VALVE	-	1
32	Α	O-RING 2-342	-	1
34		RING RETAINER	756121	1
35	Α	O-RING 2-247	-	1
36		LABEL CCW "OPEN"	729586	1
37	Α	BALL 3"	-	1
38		PIN ROLL	744068	1
40		SCREW HEX HEAD 1/2-13 X 1-1/4"	765209	2
41		GEAR SECTOR	121330	1
42		HOUSING GEAR	120302	1
43		SCREW SOCKET HEAD CAP 1/4 -20 X 5/8"	765029	4
44		PIN HANDWHEEL HANDLE	741044	1
45		BUSHING 2.5"	101692	1
46		HANDWHEEL 4"	109281	1
47		PIN ROLL	744084	1
48		SHAFT HANDWHEEL	768374	1
49		TRUNNION ACTUATOR	120296	1
50		SPACER GEAR	768375	2
52	Α	O-RING 2-214	-	1
53		FITTING GREASE 1/4-28	713034	1
54	Α	O-RING 2-207	-	1
55	- / \	TRUNNION THREADED	772224	1
56		PLATE COVER	743003	1
57		SCREW HEX HEAD CAP 1/2 -13 X 3/4"	761065	1
۱ ر		JONEW HEATHEAD CALLIZ TO A JIT	70100	

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Find		Description	Item	QTY	
58		SCREW SOCKET HEAD CAP NYLON PATCH 8-32X1/2"	765155	4	
59		WASHER #8	784123		
60		WASHER FLAT	784068		
61		SCREW ALLEN HEAD 1/4 -20 X 3/16"	765008		
62		BALL 3/16 OD NYLON	704031	1	
63		WASHER THRUST	784103		
64		WORM GEAR	784190	1	
71		TRUNNION BRAKE ROTATIONAL	772225	1	
72		SPACER	769765	1	
73		CAP ROTATIONAL	120295	1	
74		SPACER ROTATIONAL	120293	1	
75		O-RING 2-015	757112	1	
76		PIN FRICTION BRAKE	744436	1	
77		SPRING	768373	1	
81		O-RING 2-237	757081	2	
81		O-RING 2-232	757045	2	
83		SCREW SOCKET HEAD CAP 1/4 -20 X 3/8"	766043	2	
84		O-RING 2-008	757084	2	
85		WASHER GLASS FILLED DELRIN	784145	2	
86		BAND ID	703650	1	
87	C	PIN CLAPPER AXIS	-	1	
88	C	SPACER CLAPPER	-	2	
89	C	SCREW CLAPPER	-	1	
90	C	DISC VALVE	-	2	
91	C	ARM CLAPPER	-	1	
94		PLATE ID	745268	1	
95		NAIL GRIP	736052	8	
97	C	BRACKET CLAPPER VALVE	-	1	
98		SCREW HEX HEAD CAP5/16-18 X 1/2"	761082	1	
99		WASHER FLAT 5/16	784093	1	
101		TAG VALVE ACTUATOR	773375	1	
104		STRAP ASSEMBLY WITH BOLT PLATE & HOOK	34430039	1	
108		SCREW SOCKET HEAD CUP POINT SET 1/4 -20 X 1/4"	765002	1	
110	В	BEARING NYLINER 3/8"	-	1	
111		OUTLET WITH SHAPER	120294	1	
112	*	GASKET ADAPTER	-	1	
113		SCREW SOCKET HEAD CUP POINT SET 1/4 -20 X 1/4"	765002	1	
114	*	ADAPTER SPECIAL THREAD	-	1	
200		BRACKET MOUNTING	120378	1	
201		BRACKET LATCH ASSEMBLY	729407	1	
202		SCREW ROUND HEAD SLOTTED #10-24 X 3/8"	761041	1	
Λ		EIEI D SEDVICE VIT	0121000		
A		FIELD SERVICE KIT	91310001		
В		HANDLE REPAIR KIT	34462010		
С		CLAPPER VALVE S/A	34462013 703051		

			INLET SIZE				
FIND		DESCRIPTION	2.5	3	4	4.5	5
3		SWIVEL NH (ITEM No)	123528	120327	120325	120324	120326
6		O-RING 2-243	757337	757337	757337	-	-
6		O-RING 2-247	-	-	-	757078	757078
9	D	$ ot \emptyset $ 1/4 BALL QTY'S	SEE DRAWING VIEWS FOR QUANTITIES				
39		INLET ADAPTER (ITEM No.)	120300	120300	120300	120335	120335
51		STORZ FITTING	-	-	713205	-	713206
80		GASKET	717043	714022	714024	714025	714026
93		DUAL INLET (ITEM No)	124591	120321	-	-	-

* CONTACT CUSTOMER SERVICE.

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