

INCLUDED IN ELEVATION PARTS KIT

OPTIONAL BOSSES

INCLUDED IN ROTATION PARTS KIT

- ASSEMBLY NOTES:**  
 USE PARKER O-LUBE ON ALL O-RINGS AND MATING SURFACES UNLESS OTHERWISE NOTED.  
 ① USE PERMABOND LM113 OR LOCTITE 222.  
 ② USE PERMABOND HH120 OR LOCTITE 277.  
 ③ 3578,3598 - USE LOW-TEMP LUBRIPLATE.  
 3579 - USE MOBILITH SCH 460.  
 ④ USE SIKAFLEX-1A SEALANT.  
 ⑥ USE LOCTITE 290.  
 ⑫ ORIENTATION OF CLAMP FOR 3578 AND 3579.  
 ⑬ ORIENTATION OF CLAMP FOR 3598.

PHONE: 330.264.5678 or 800.228.1161 | FAX: 330.264.2944 or 800.531.7335 | www.akronbrass.com

Parts List Sheet:

116092

**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 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 have the manufacturers' warranty and Akron Brass disclaims any warranty in respect of those products.



**TECHNICAL SERVICE PARTS**  
**STYLE 3578, 3598, 3579**  
**PRODUCT STREAM MASTER**

Find	Description	Item	QTY	
			3578/3579	3598
2	Inlet Elbow 3578	121570	1	-
2	Inlet Elbow 3598	120599	-	1
3	Base 4"150# Flange	117823	1	1
4	Outlet Elbow/Swivel Assy W/Bosses 3578	35780098	1	-
4	Outlet Elbow/Swivel Assy W/O Bosses 3578 (Optional)	35780351	1	-
4	Outlet Elbow/Swivel Assy 3598	35981010	-	1
4	Outlet Elbow/Swivel Assy 3598 for U2	35982023	-	1
6	Sprocket Housing	120838	1	1
7	Elevation Cover 3578 (Painted Red)	124799	1	-
7	Elevation Cover 3598 (Painted Red)	110215	-	1
8	Ball Bearings (109342 - 50/pack)	-	159	159
9	Swivel Plug	742112	4	4
10	Rotation Cover (Painted Red)	104650	1	1
11	O-ring 2-248	757077	1	1
12	O-ring 2-246	757076	2	2
13	O-ring 2-156	757080	1	1
14	O-ring 2-347	757446	1	1
15	Worm Gear	718273	2	2
16	Socket Head Screw 10-24 x 3	767133	2	2
17	Spring Washer	769276	8	8
18	Shaft	769497	1	1
19	Woodruff Key 1/8 x 1/2	727025	6	6
20	Thrust Bearing	704437	3	3
21	Needle Bearing 3/8" ID	704941	2	2
22	Sprocket Housing	769499	4	4
23	Chain, Elevation Joint #35	35782014	1	1
24	Chain, Rotation Joint #35	35780001	1	1
25	Needle Bearing 1/2" ID	704395	2	2
26	Socket Head Cap Screw 10-24 x 5/8	765100	2	4
27	Shim	769494	2	2
28	Stop	769498	2	2
29	Plug	744337	18	18
30	Rotation Planetary Gear Assembly 5:1	35780365	1	1
31	Elevation Planetary Gear Assembly 7:1	35780366	1	1
33	Gearbox Housing	109320	2	2
34	Spacer	769495	2	2
35	Ring Gear	718164	2	2
38	O-ring 2-036	757312	2	2
41	Socket Head Cap Screw 6-32 x 1 3/8	767132	8	8
42	Socket Head Cap Screw (5:1 Rotation Only) 6-32 x 1/2	765052	4	4
46	O-ring 2-029	757056	3	3

Find	Description	Item	QTY	
			3578/3579	3598
50	Plug (when gauge is not supplied)	744009	1	1
53	Rotation Motor 12V 5:1 Gear * ITT Plug (see sheet 3)	35780011		
53	Rotation Motor 24V 5:1 Gear * ITT Plug (see sheet 3)	35780095	1	1
53	Rotation Motor 12V U2 5:1 Gear * Deutsch Plug (see sheet 3)	35982013		
53	Rotation Motor 24V U2 5:1 Gear * Deutsch Plug (see sheet 3)	35982012		
207	Elevation Motor 12V 7:1 Gear * ITT Plug (see sheet 3)	35981003		
207	Elevation Motor 24V 7:1 Gear * ITT Plug (see sheet 3)	35981005		
207	Elevation Motor 12V U2 7:1 Gear * Deutsch Plug (see sheet 3)	35982003	1	1
207	Elevation Motor 24V U2 7:1 Gear * Deutsch Plug (see sheet 3)	35982005		
207	Elevation Motor Conversion Kit 12V 7:1 Gear * ITT Plug (see sheet 3)	35781175		
54	Roll Pin 1/8 x 1/2	744288	4	4
56	Override Handle Assembly	35780216	2	2
57	Wiring Harness U1 96"	721591		-
57	Wiring Harness U1 w/ Stow 96"	721355		1
57	Wiring Harness U2 w/Stow 96"	721606	1	1
57	Wiring Harness U2 120"	721546		-
57	Wiring Harness U2 w/ Stow,48"	721655		1
57	Wiring Harness U1 w/ Stow, Deutsch DT 12-pin	721448		-
58	Cable Clamp	707251	1	-
58	Cable Clamp (w/stow)	707422		1
59	Button Head Screw 10-24 x 3/8	765143	1	1
60	ID Tag	773255	1	-
60	ID Tag 24V CE	773316		-
60	ID Tag 3598	773387	-	1
61	Grip Nail	736045	4	4
64	Socket Head Cap Screw 10-24 x 1 5/8	763035	1	2
65	O-ring 2-014	757041	2	2
66	O-ring 2-112	757313	2	2
67	Socket Head Cap Screw 10-24 x 1 3/4	767126	2	2
72	Handle Holding Clamp	707189	1	2
74	Handle Holding Clamp	707948	1	-
75	Rotation Bushing	703461	1	1
76	Shaft	769525	1	1
84	Bearing Washer Thick	784113	3	3
85	Bearing Washer Thin	784114	3	3
86	Socket Head Cone Point Set Screw 1/4-20 x 5/8	765317	3	3
127	Permanent Stop 3578	769571	1	-
127	Permanent Stop 3598	769803	-	1
131	Stow Magnet	731081	1	1
140	Washer #10	784072	1	1
142	O-ring 2-244	757068	1	1
156	Swivel Plug w/hole	742123	2	2
157	Grease Fitting Adapter	742143	2	2
158	Grease Fitting	713191	2	2
160	Socket Head Cap Screw 1/4-20 x 1	763041	1	-

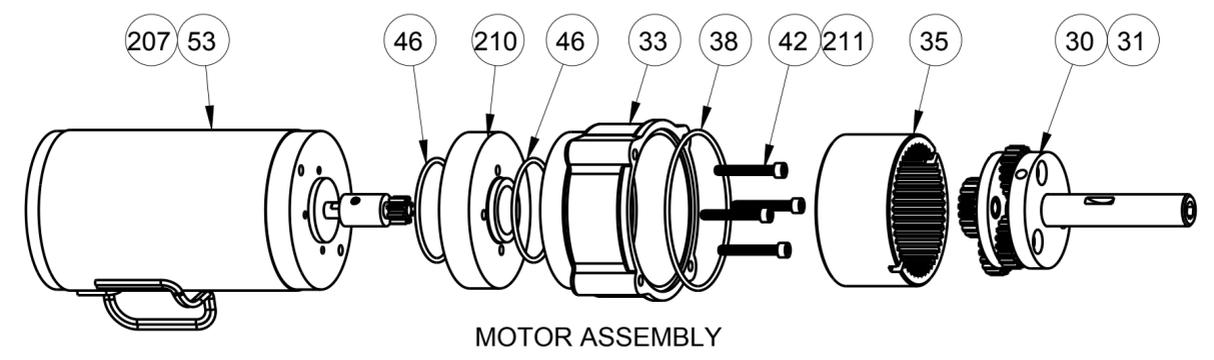
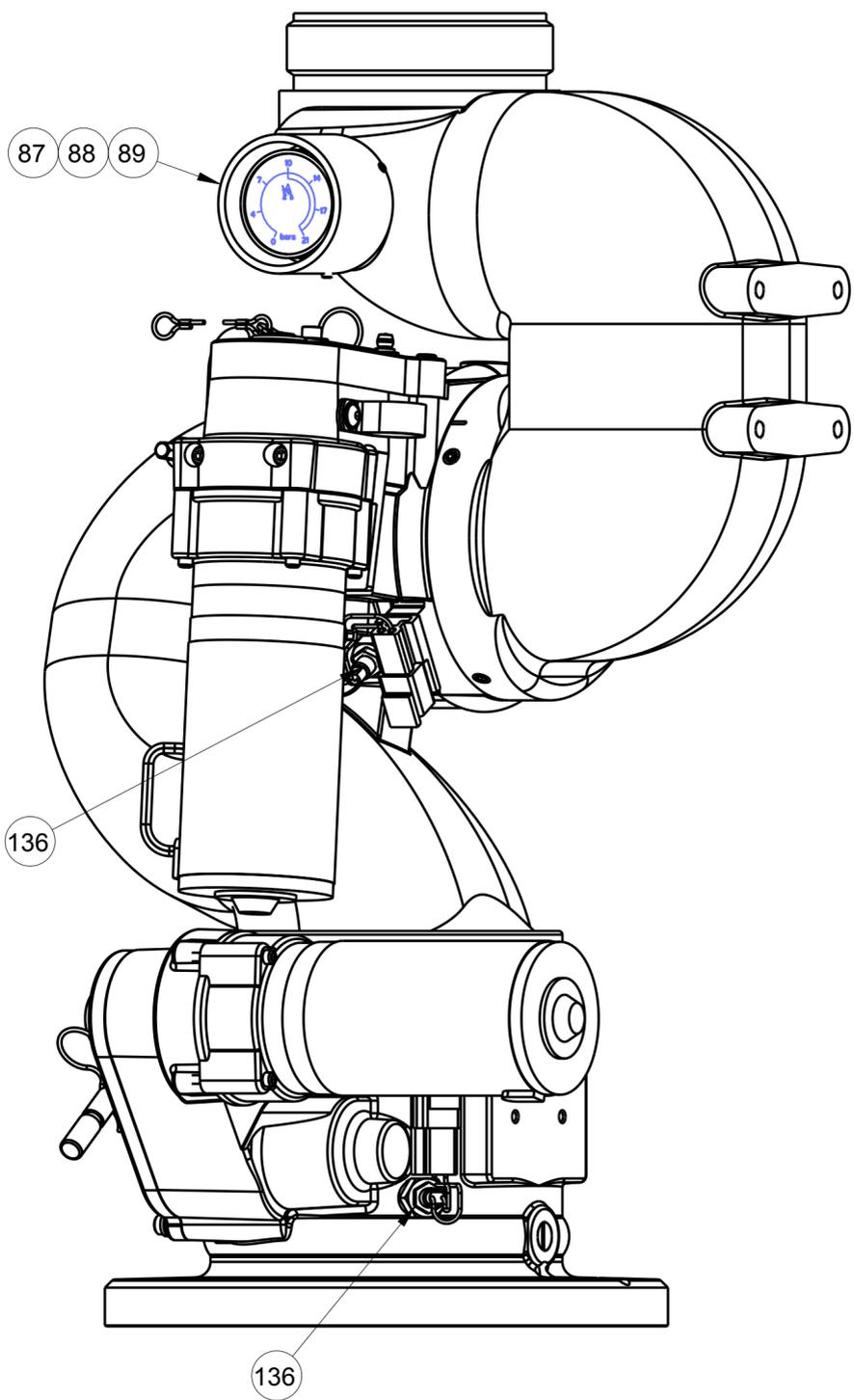
Chg.	Date
13	09-15
14	01-16

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**Parts List Sheet:**

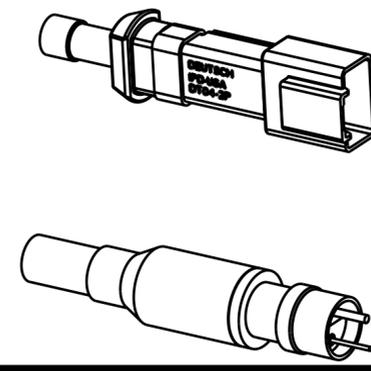
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			3578/3579	3598
161	Socket Head Cap Screw 1/4-20 x 1 1/4	767083	1	-
162	Socket Head Cap Screw 10-24 x 2	763077	1	1
210	Spacer Plate (7:1 Elevation Only)	120854	1	1
211	Socket Head Cap Screw (7:1 Elevation Only) 6-32 x 1	765260	4	4
87	Pressure Gauge (Optional)	718134	1	-
88	Gauge Guard (Optional)	718158	1	-
89	Screw, Socket Head Cup Point Set 8-32 X 3/16"	765042	3	3
Not Shown	3-1/2 NH x 2-1/2 NH Adapter	35780022	1	1
Electrical Components Not Shown				
136	Stow Limit Switch Assembly (includes 2 switch assemblies)	35781035	1	1
136	SCREW PHILLIPS PAN HEAD #8-32 x 1/4"	765208**	2	2
	12V Battery w/relay	35780085	1	1
	24V Battery w/relay	35780009	1	1
	12V & 24V Logic Box U1	35781038	1	1
	12V & 24V Logic Box U2	60320030	1	-
	12V & 24V Logic Box U2	60320006	-	1
	Logic Box (Box Only) U1	35780118	1	1
	12V/24V PC Board (Only) Standard U1	35781039	1	1
	24V PC Board (CE Version) U1	35780135	1	1
Parts Kits				
	Elevation Gearbox Parts Kit-3578	35780379	1	
	Elevation Gearbox Parts Kit-3598	35981024		1
	Rotation Gearbox Parts Kit	35780378	1	1
	O-Ring Kit (Includes All O-Rings)	92210001	1	1

\* 5:1 Gear has 12 teeth  
 7:1 Gear has 8 Teeth  
 \*\* Used when limit switches are not used.



DEUTSCH CONNECTOR

ITT CONNECTOR

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