

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 - USE LOW-TEMP LUBRIPLATE.

3579 - USE MOBILITH SCH 460.

④ USE SIKAFLEX-1A SEALANT.

⑥ USE LOCTITE 290.

⑦ ORIENTATION OF CLAMP FOR 3578 AND 3579.



TECHNICAL SERVICE PARTS

STYLE 3578, 3579

PRODUCT STREAM MASTER

IF AN ITEM IS NOTED AS "NOT FIELD REPAIRABLE", OR YOU WISH TO RETURN AN ITEM TO AKRON BRASS FOR SERVICE PLEASE GO ONLINE TO, **ONLINEREPAIR.AKRONBRASS.COM**

Chg.

18

19

Date

09-22

09-22

Find		Description	Item	QTY
				3578/3579
2	***	Inlet Elbow	121570	1
3		Base 4"150# Flange	117823	1
4		Outlet Elbow/Swivel Assy W/Bosses 3578	35780098	1
4		Outlet Elbow/Swivel Assy W/O Bosses 3578 (Optional)	35780351	1
6		Sprocket Housing	120838	1
7		Elevation Cover (Painted Red)	126670	1
8		Ball Bearings (109342 - 50/pack)	-	159
9		Swivel Plug	742112	4
10		Rotation Cover (Painted Red)	122067	1
11		O-ring 2-248	757077	1
12		O-ring 2-246	757076	2
13		O-ring 2-156	757080	1
14		O-ring 2-347	757446	1
15		Worm Gear	718273	2
16		Socket Head Screw 10-24 x 3	767133	2
17		Spring Washer	769276	8
18		Shaft	769497	1
19		Woodruff Key 1/8 x 1/2	727025	6
20		Thrust Bearing	704437	3
21		Needle Bearing 3/8" ID	704941	2
22		Sprocket Housing	769499	4
23		Chain, Elevation Joint #35	35782014	1
24		Chain, Rotation Joint #35	35780001	1
25		Needle Bearing 1/2" ID	704395	2
26		Socket Head Cap Screw 10-24 x 5/8	765100	2
27		Shim	769494	2
28		Stop	769498	2
29		Plug	744337	18
30		Rotation Planetary Gear Assembly 5:1	35780365	1
31		Elevation Planetary Gear Assembly 7:1	35780366	1
33		Gearbox Housing	121539	2
34		Spacer	769495	2
35		Ring Gear	718164	2
38		O-ring 2-036	757312	2
41		Socket Head Cap Screw 6-32 x 1 3/8	767132	8
42		Socket Head Cap Screw (5:1 Rotation Only) 6-32 x 1/2	765052	4
46		O-ring 2-029	757056	3

Find		Description	Item	QTY
				3578/3579
50		Plug (when gauge is not supplied)	744009	1
53	*	Rotation Motor 12V 5:1 Gear ITT Plug	35780011	1
53	*	Rotation Motor 24V 5:1 Gear ITT Plug	35780095	
53	*	Rotation Motor 12V U2 5:1 Gear Deutsch Plug	35982013	
53	*	Rotation Motor 24V U2 5:1 Gear Deutsch Plug	35982012	
207	*	Elevation Motor 12V 7:1 Gear ITT Plug	35981003	1
207	*	Elevation Motor 24V 7:1 Gear ITT Plug	35981005	
207	*	Elevation Motor 12V U2 7:1 Gear Deutsch Plug	35982003	
207	*	Elevation Motor 24V U2 7:1 Gear Deutsch Plug	35982005	
207	*	Elevation Motor Conversion Kit 12V 7:1 Gear ITT Plug	35781175	4
54		Roll Pin 1/8 x 1/2	744288	
56		Override Handle Assembly	35780216	
57		Wiring Harness U1 96"	721591	
57		Wiring Harness U1 w/ Stow 96"	721355	1
57		Wiring Harness U2 w/Stow 96"	721606	
57		Wiring Harness U2 120"	721546	
57		Wiring Harness U2 w/ Stow,48"	721655	
57		Wiring Harness U1 w/ Stow, Deutsch DT 12-pin	721448	1
58		Cable Clamp	707251	
58		Cable Clamp (w/stow)	707422	1
59		Button Head Screw 10-24 x 3/8	765143	
60		ID Tag	773602	4
60		ID Tag 24V CE	773316	
61		Grip Nail	736052	1
64		Socket Head Cap Screw 10-24 x 1 5/8	763035	2
65		O-ring 2-014	757041	2
66		O-ring 2-112	757313	2
67		Socket Head Cap Screw 10-24 x 1 3/4	767126	2
72		Handle Holding Clamp	807139	1
75		Rotation Bushing	703461	1
76		Shaft	769525	3
84		Bearing Washer Thick	784113	3
85		Bearing Washer Thin	784114	3
86		Socket Head Cone Point Set Screw1/4-20 x 5/8	765317	1
127		Permanent Stop 3578	769571	1
131	***	Stow Magnet	731081	1
137		Washer	784072	1

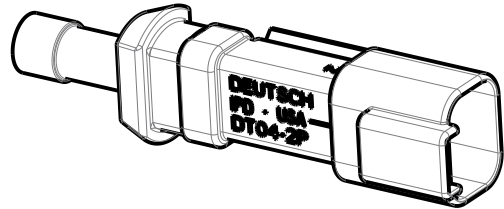
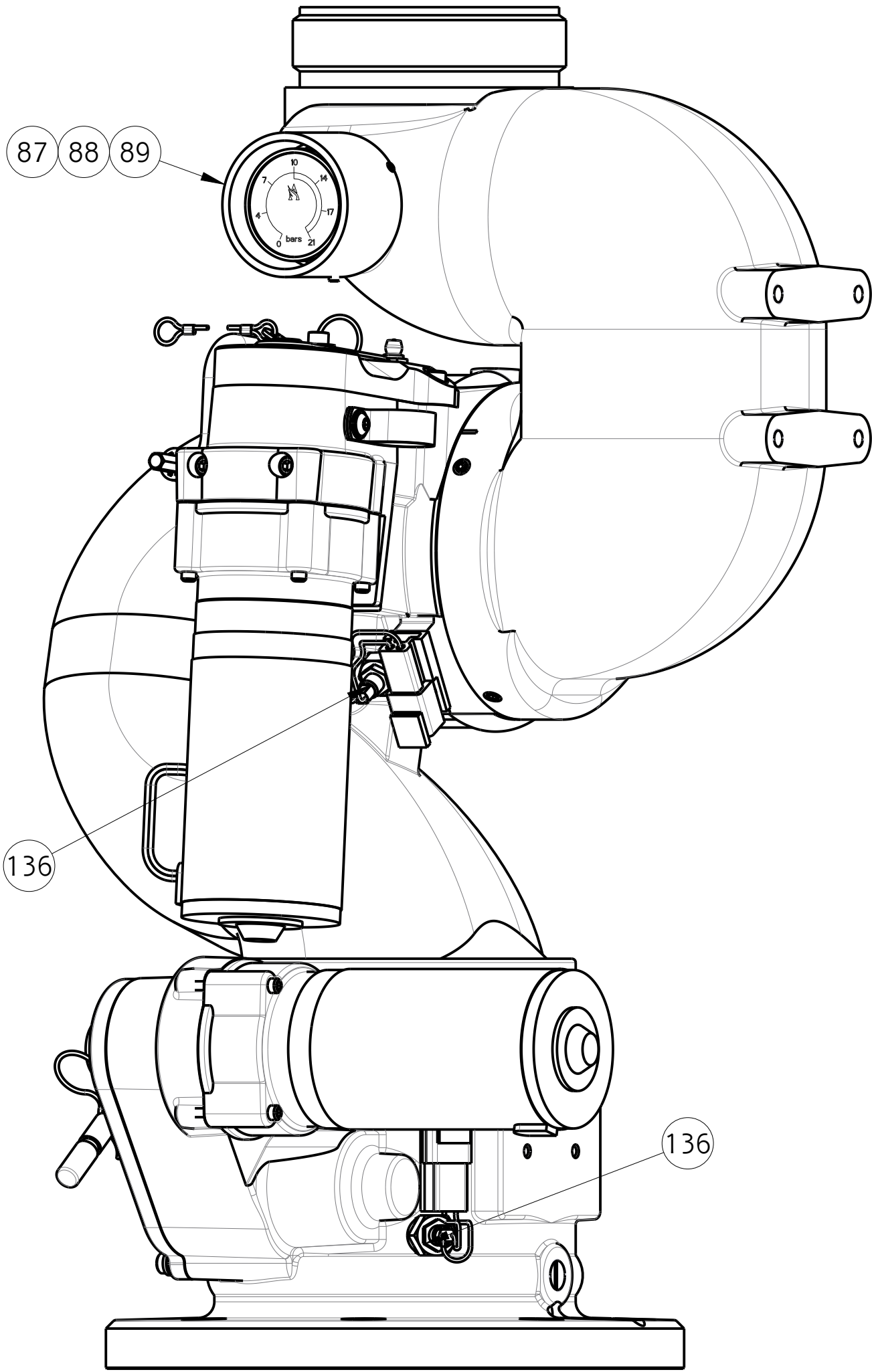
PHONE: 800.228.1161 | www.akronbrass.com

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.

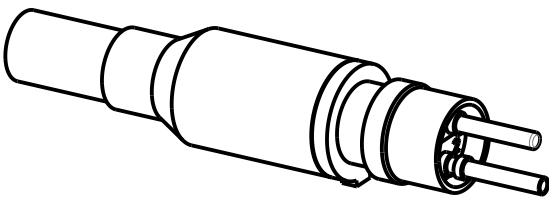
© 2016 Akron Brass Company. All rights reserved. No portion of this can be reproduced without the express written consent of the Akron Brass Company.

Parts List Sheet:

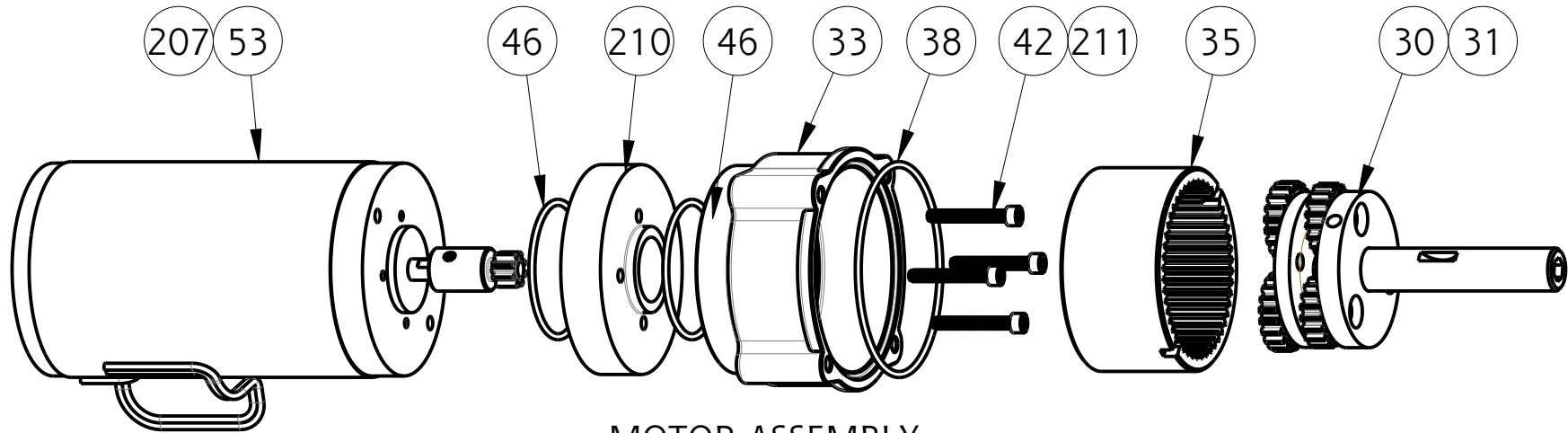
116092



DEUTSCH CONNECTOR



ITT CONNECTOR



MOTOR ASSEMBLY

Find		Description	Item	QTY
				3578/3579
140		Washer #10	784072	1
142		O-ring 2-244	757068	1
156		Swivel Plug w/hole	742123	2
157		Grease Fitting Adapter	742143	2
158		Grease Fitting	713191	2
160		Socket Head Cap Screw 1/4-20 x 1	763041	1
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
210		Spacer Plate (7:1 Elevation Only)	120854	1
211		Socket Head Cap Screw (7:1 Elevation Only) 6-32 x 1	765260	4
87		Pressure Gauge (Optional)	718323	1
88		Gauge Guard (Optional)	718158	1
89		Screw, Socket Head Cup Point Set 8-32 X 3/16"	765042	3
Not Shown		3-1/2 NH x 2-1/2 NH Adapter	35780022	1
Electrical Components Not Shown				
136		Stow Limit Switch Assembly (includes 2 switch assemblies)	35781035	1
136	**	SCREW PHILLIPS PAN HEAD #8-32 x 1/4"	765208	2
		12V Battery w/relay	35780085	1
		24V Battery w/relay	35780009	
		12V & 24V Logic Box U1	35781038	1
		12V & 24V Logic Box U2	60320030	1
		Logic Box (Box Only) U1	35780118	1
		12V/24V PC Board (Only) Standard U1	35781039	1
Parts Kits				
		Elevation Gearbox Parts Kit-3578	35780379	1
		Rotation Gearbox Parts Kit	35780378	1
		O-Ring Kit (Includes All O-Rings)	92210001	1

- * 5:1 Gear has 12 teeth
7:1 Gear has 8 Teeth
- ** Used when limit switches are not used.
- *** When ordering replacement inlet elbow p/n: 121570, Item 131 (p/n: 731081) must be ordered with the inlet elbow.

PHONE: 800.228.1161 | www.akronbrass.com

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.

© 2016 Akron Brass Company. All rights reserved. No portion of this can be reproduced without the express written consent of the Akron Brass Company.

Parts List Sheet:

116092