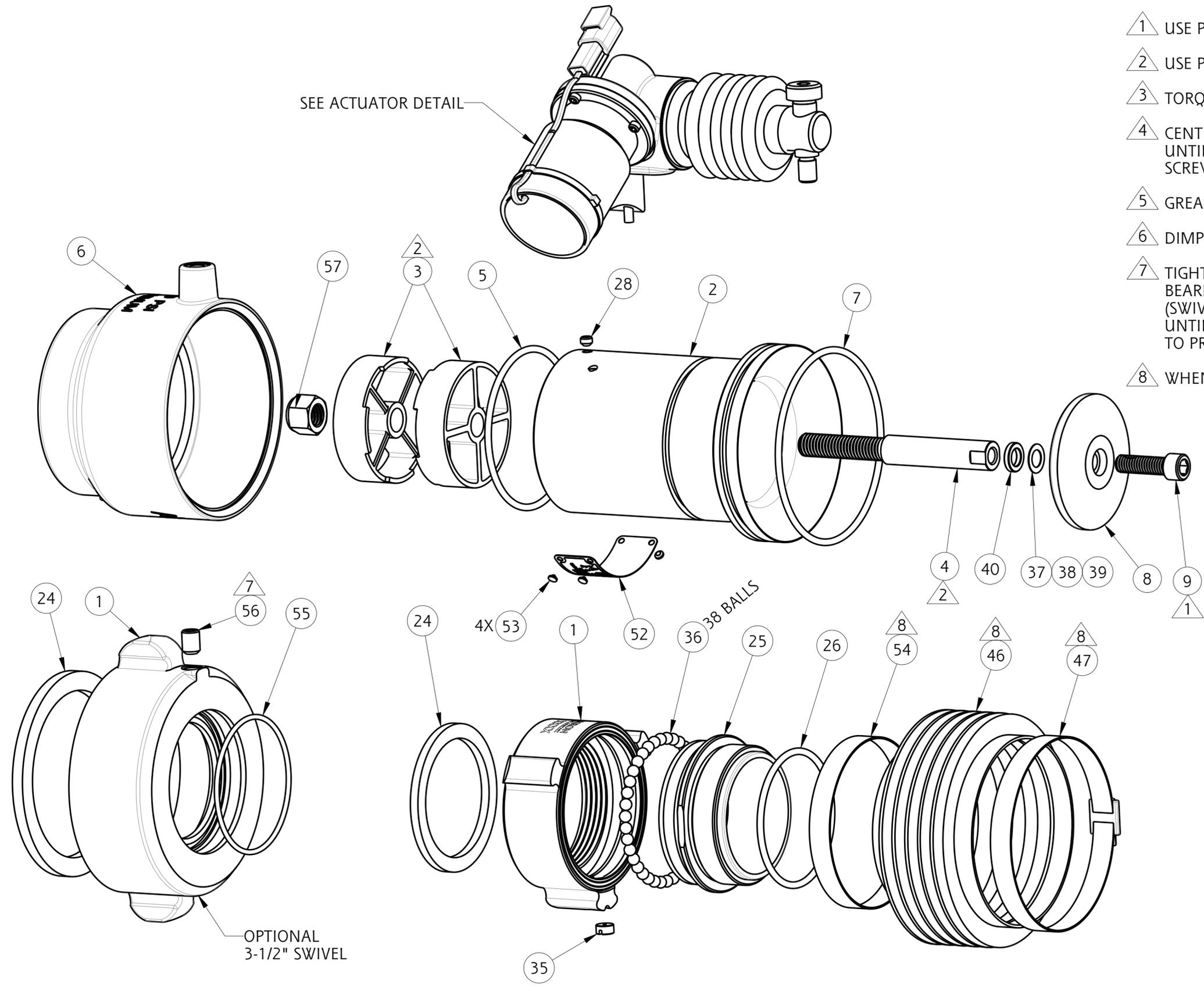


ASSEMBLY NOTES:

GREASE ALL O-RINGS WITH MOBILITH SHC 460.

- ① USE PERMABOND LM 113 OR LOCTITE 222.
- ② USE PERMABOND HH120 OR LOCTITE 277.
- ③ TORQUE TO 35-45 IN-LB.
- ④ CENTER A BALL IN THE LOADING HOLE. SCREW IN SET SCREW UNTIL IT MAKES CONTACT WITH THE BALL. BACK OUT SET SCREW "SLIGHTLY" UNTIL SPINDLE MOVES FREELY.
- ⑤ GREASE WITH MOBILITH SHC 460.
- ⑥ DIMPLE AT ASSEMBLY.
- ⑦ TIGHTEN CONE POINT SET SCREW BETWEEN TWO BALL BEARINGS UNTIL IT BOTTOMS OUT IN SWIVEL PLUG HOLE (SWIVEL SHOULD BE FIXED). THEN BACK OUT APPROX. 1 TURN UNTIL SWIVEL TURNS SMOOTHLY. THEN STAKE FIRST THREAD TO PREVENT SCREW FROM BACKING OUT.
- ⑧ WHEN SPECIFIED.

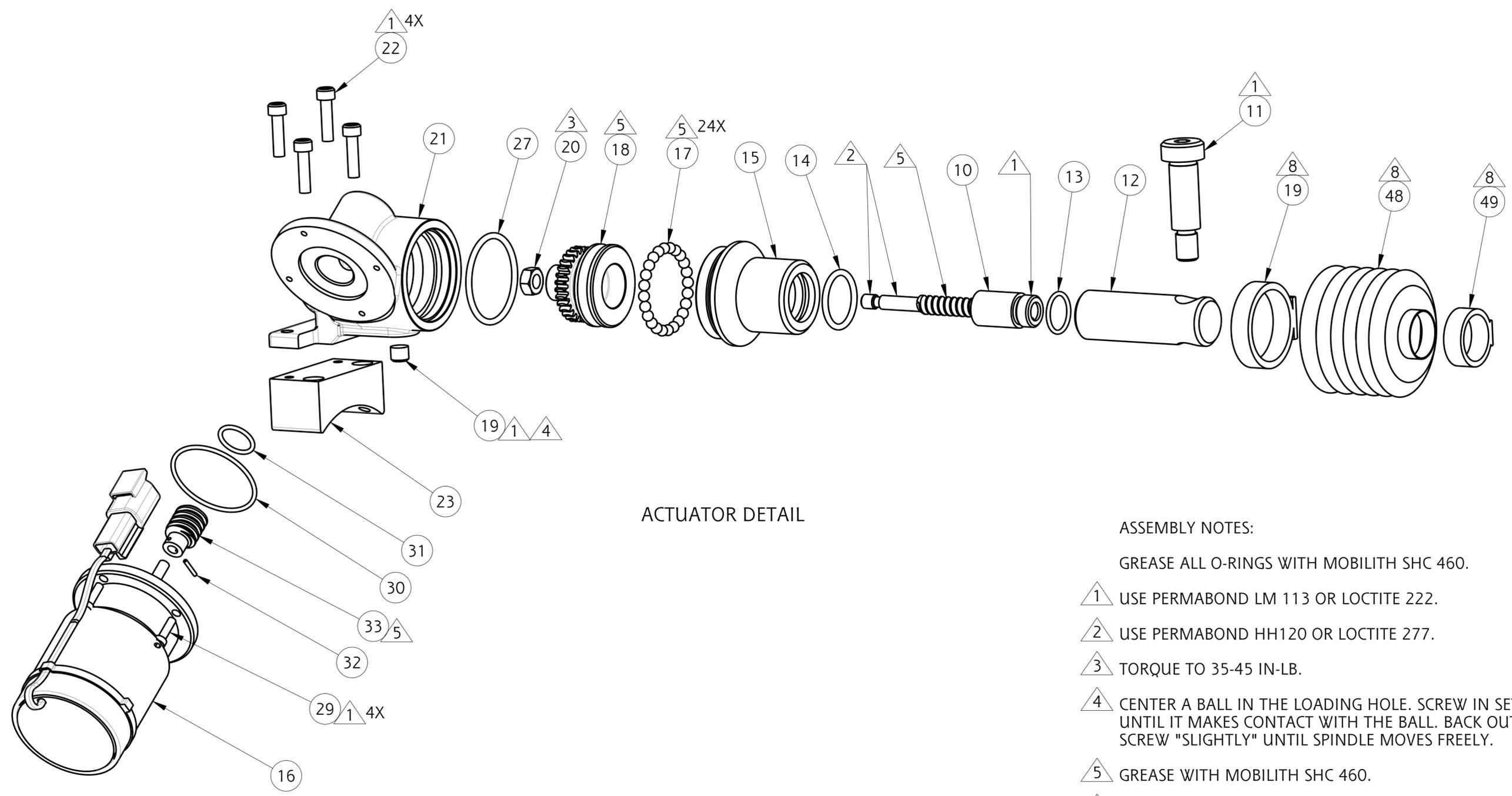


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Parts List Sheet:  
 120954  
 D44171



ACTUATOR DETAIL

ASSEMBLY NOTES:

- GREASE ALL O-RINGS WITH MOBILITH SHC 460.
- ① USE PERMABOND LM 113 OR LOCTITE 222.
- ② USE PERMABOND HH120 OR LOCTITE 277.
- ③ TORQUE TO 35-45 IN-LB.
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- ⑧ WHEN SPECIFIED.



TECHNICAL SERVICE PARTS  
 STYLE 4462  
 PRODUCT ELECTRIC RAMPAGE

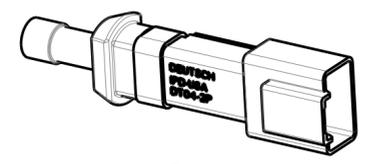
IF AN ITEM IS NOTED AS "NOT FIELD REPAIRABLE", OR YOU WISH TO RETURN AN ITEM TO AKRON BRASS FOR SERVICE PLEASE GO ONLINE TO, **ONLINEREPAIR.AKRONBRASS.COM**

Chg.	Date
09	10-22
10	01-23

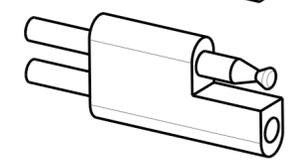
Find	Description	Item	QTY
1	SWIVEL 2.50"NH	101325	1
1	SWIVEL 3.50"NH - OPTIONAL	116843	1
2	BODY NOZZLE - SEVERE DUTY	120927	1
3	SHAPER STREAM	126125	2
4	STEM BAFFLE	768478	1
5	D O-RING 2-235	757046	1
6	SLEEVE PATTERN - SEVERE DUTY	121306	1
7	D O-RING 2-242	757251	1
8	BAFFLE	703674	1
9	SCREW SOCKET HEAD CAP 3/8-16 x 1-1/4"	765154	1
10	A SCREW FREE WHEELING BALL ASSEMBLY	767135	1
11	A SCREW SOCKET HEAD SHOULDER CAP 1/2" DIA x 1-1/4" LG 3/8-16	767158	1
12	A PISTON ACTUATOR	744445	1
13	A,D O-RING 2-016	757055	1
14	A,D O-RING 2-118	757293	1
15	A TUBE GUIDE	772235	1
16	A MOTOR S/A 12V DEUTSCH CONNECTOR	44710008	1
16	A MOTOR S/A 24V DEUTSCH CONNECTOR	44710007	1
16	A MOTOR S/A 12V SPEED CLIP CONNECTOR	44710002	1
16	A MOTOR S/A 24V SPEED CLIP CONNECTOR	44710004	1
17	A,B,D BALL STAINLESS STEEL 3/16"OD	-	24
18	A GEAR BALLSCREW	718191	1
19	A SCREW SOCKET HEAD FLAT POINT 5/16-24 x 1/4"	765134	1
20	A NUT HEX 1/4-20	734061	1
21	A HOUSING ACTUATOR	121372	1
22	A SCREW SOCKET HEAD CAP #10-24 x 3/4"	767086	4
23	A ADAPTER ACTUATOR	702146	1
24	D GASKET 2.50"	717043	1
24	GASKET 3.50"	714023	1
25	ADAPTER	120714	1
26	D O-RING 2-232	757045	1
27	A,D O-RING 2-127	757048	1
28	SCREW SOCKET HEAD CUP POINT SET 1/4-20 x 3/16"	765008	1
29	A SCREW SOCKET HEAD CAP #6-32 x 1/2" (NOT SHOWN)	765150	4

Find	Description	Item	QTY
30	A,D O-RING 2-029	757056	1
31	A,D O-RING 2-015	757112	1
32	A PIN ROLL 1/16 DIA x 3/8 LG	744341	1
33	A WORM PATTERN ACTUATOR	785021	1
35	D PLUG SWIVEL	744394	1
36	C,D BALL BRASS 1/4"OD	-	38
37	+ SHIM .015 PINK	-	1
38	+ SHIM .010 BROWN	-	1
39	+ SHIM .005 BLUE	-	1
40	SPACER .118 BRASS	769658	1
46	BELLOWS NOZZLE - SEVERE DUTY	704958	1
47	CLAMP HOSE - SEVERE DUTY	707572	1
48	A BELLOWS ACTUATOR - SEVERE DUTY	704960	1
49	A WRAP - SEVERE DUTY	785024	2
52	PLATE ID	744580	1
53	NAIL GRIP	736052	4
54	CLAMP HOSE - SEVERE DUTY	707573	1
55	O-RING 2-149	757087	1
56	SCREW SOCKET HEAD CUP POINT SET 3/8-24 x 1/2"	765186	1
57	NUT HEX 1/2-13	734109	1
A	ACTUATOR PATTERN 12V W/BELLOWS W/DEUTSCH CONNECTOR	44620010	
A	ACTUATOR PATTERN 24V W/BELLOWS W/DEUTSCH CONNECTOR	44620011	
A	ACTUATOR PATTERN 12V W/SPEED CLIP CONNECTOR	44620012	
A	ACTUATOR PATTERN 24V W/SPEED CLIP CONNECTOR	44620013	
B	KIT OF 50 BALLS 3/16 STAINLESS STEEL	121874	
C	KIT OF 50 BALLS 1/4 BRASS	109041	
D	REPAIR KIT	44620006	

+ INSTALLED AT FACTORY FOR FINAL FLOW CALIBRATION.



DEUTSCH CONNECTOR



SPEED CLIP CONNECTOR

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Parts List Sheet:

120954