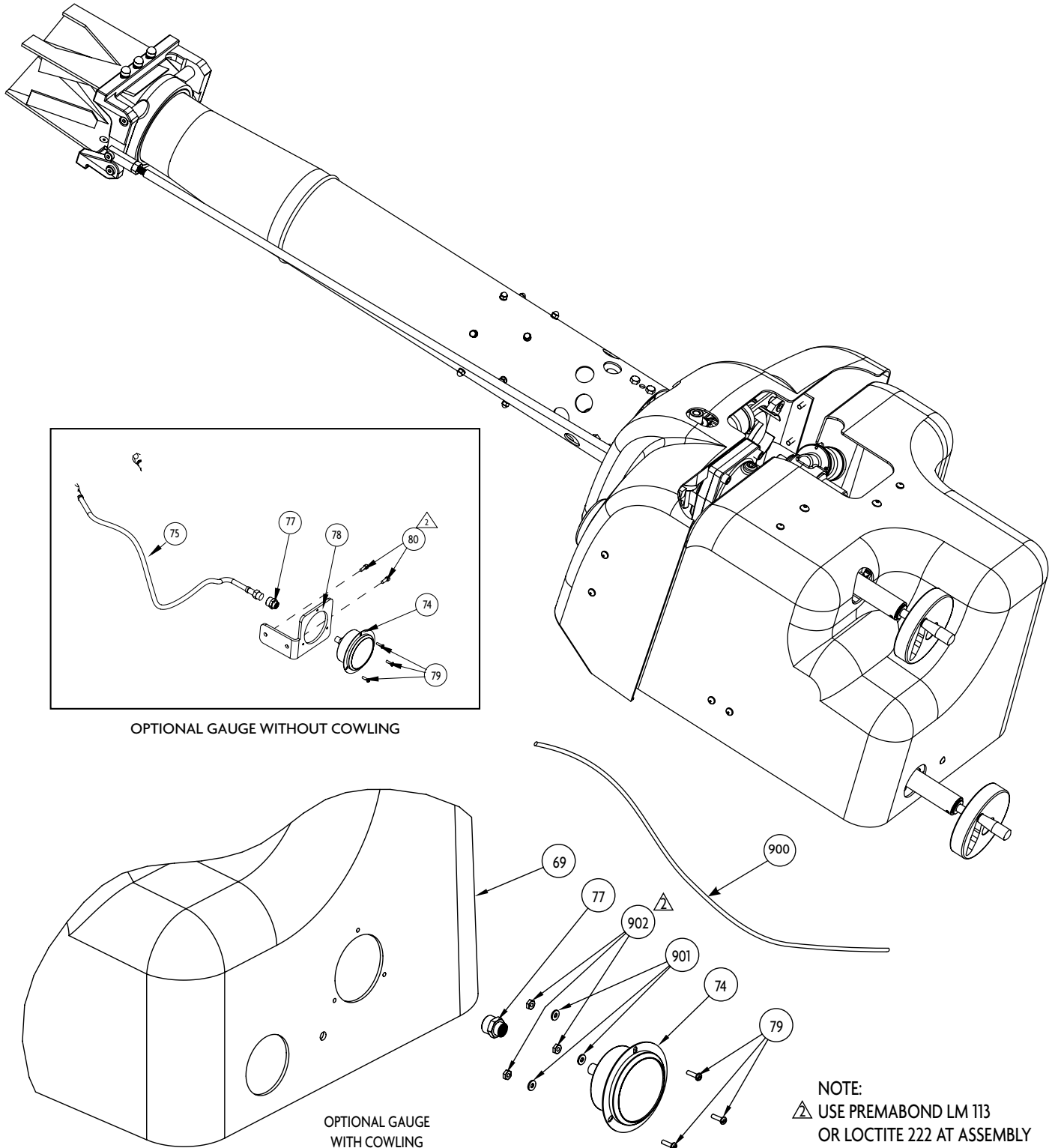
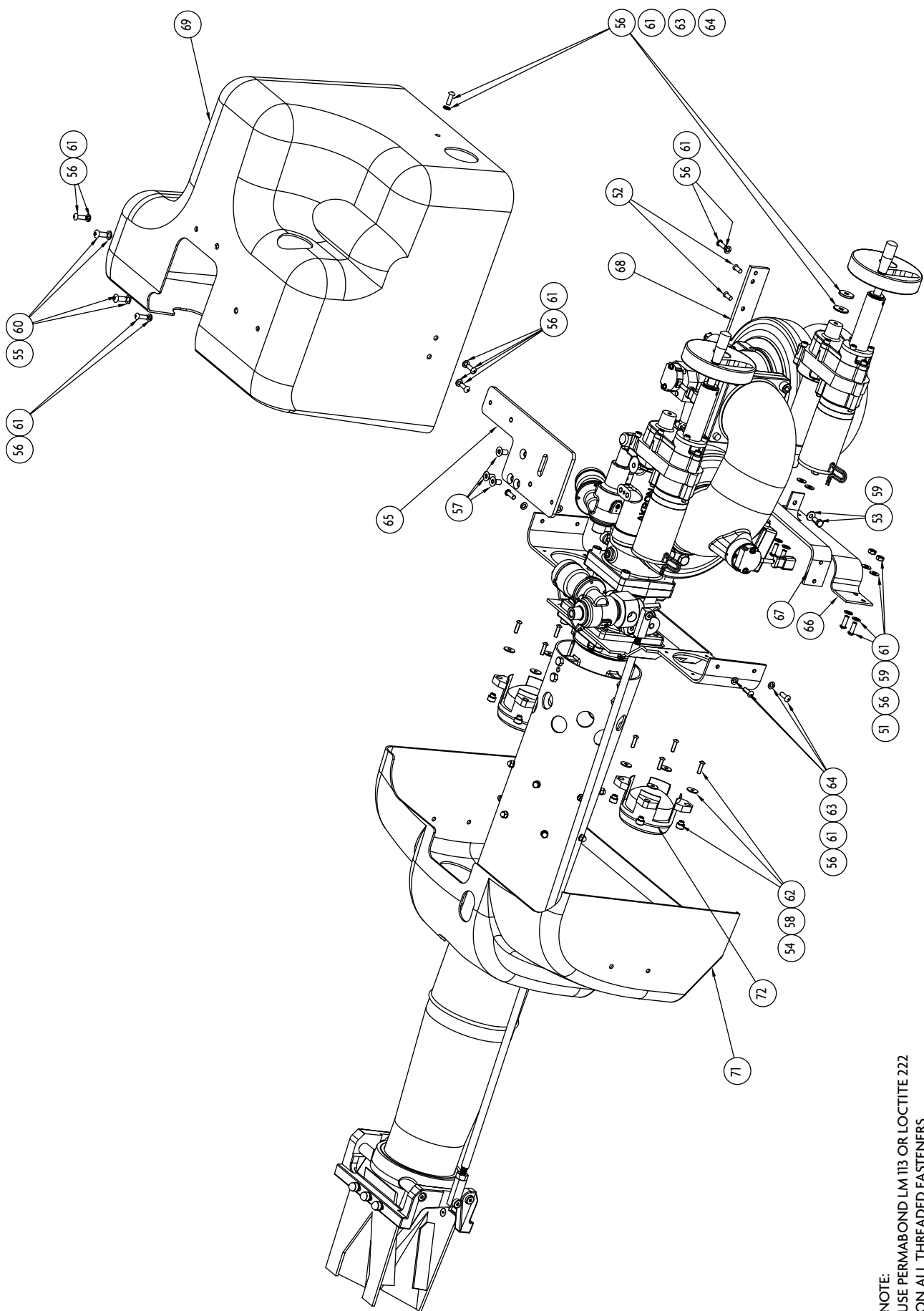
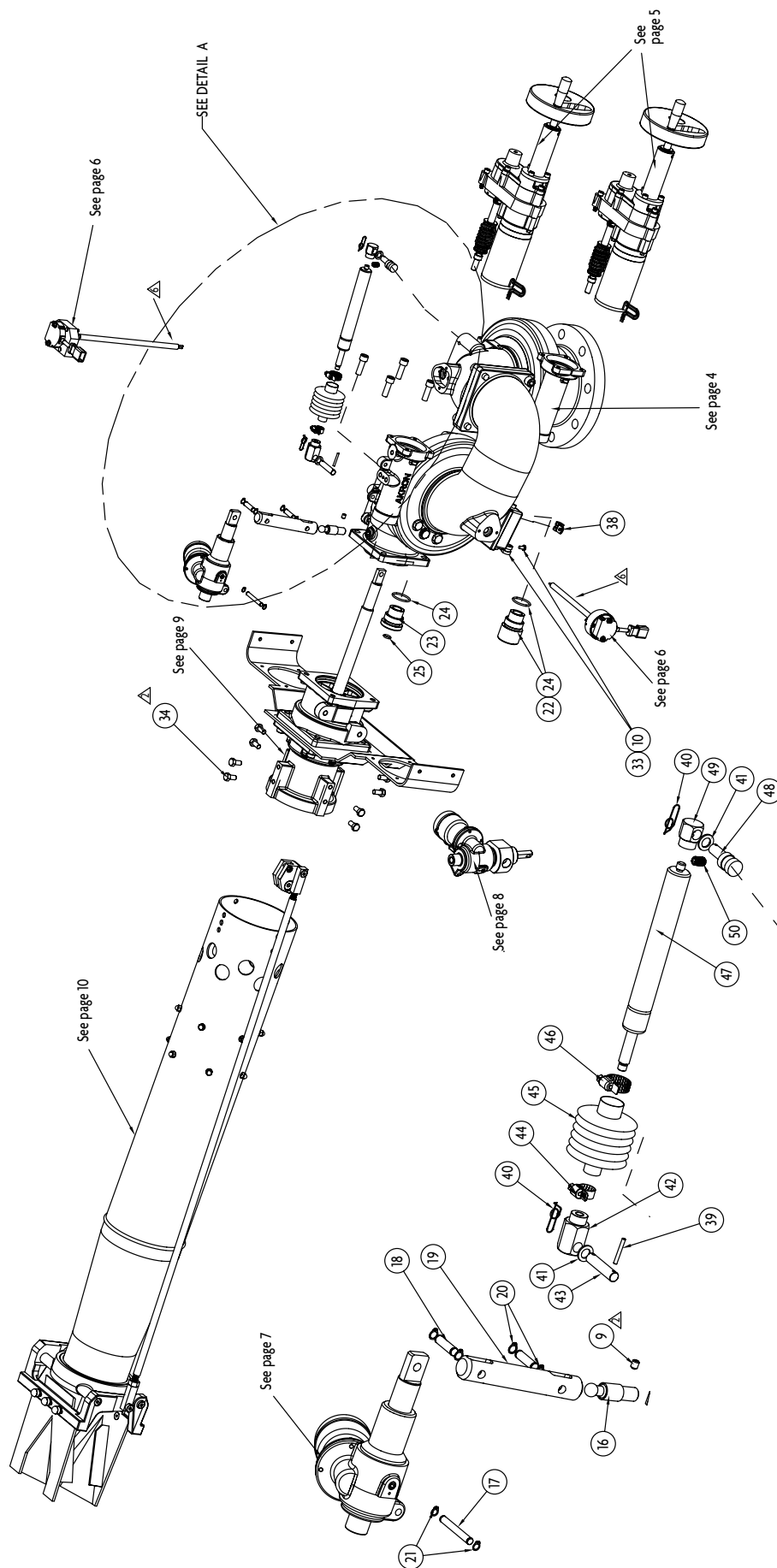


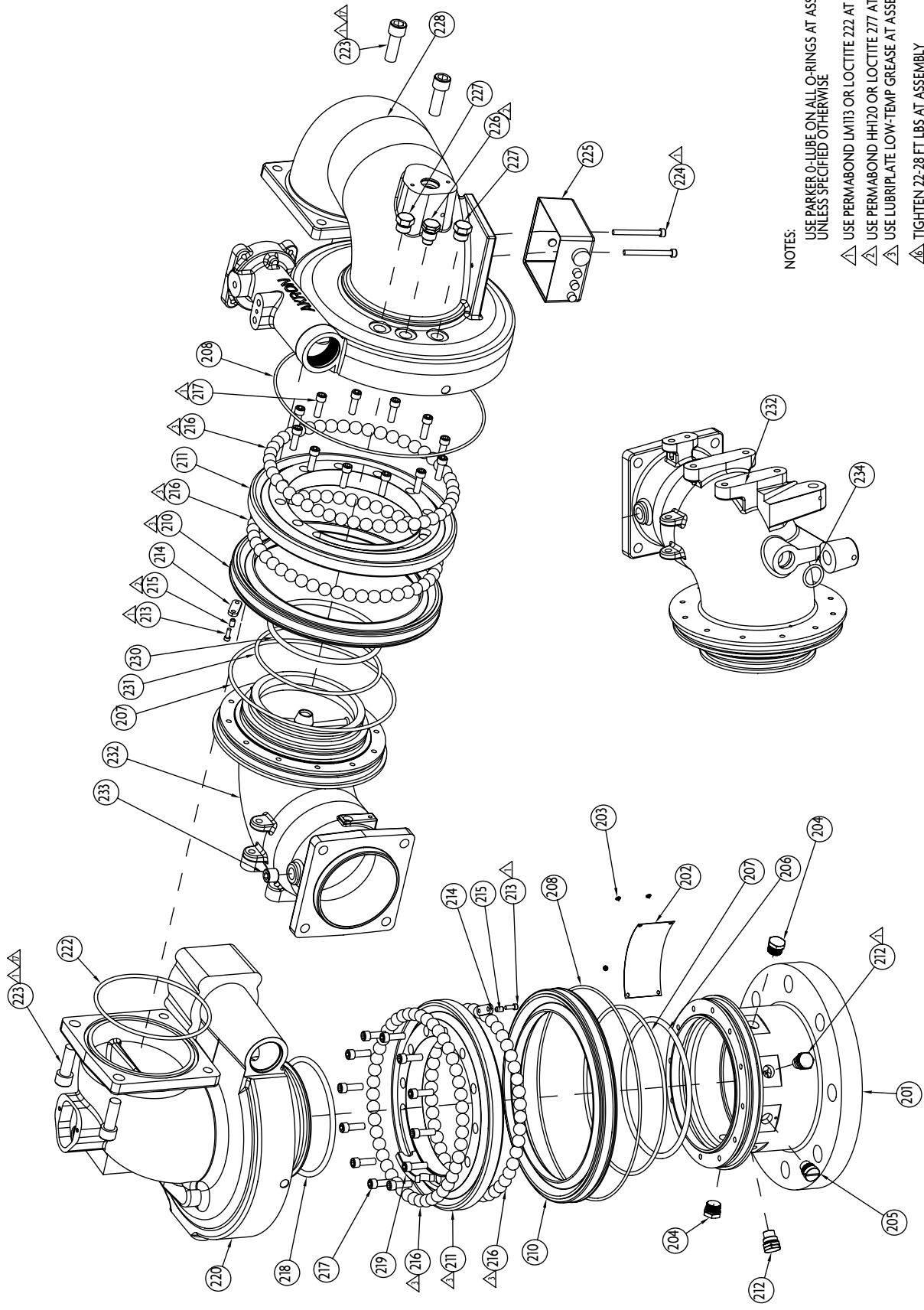




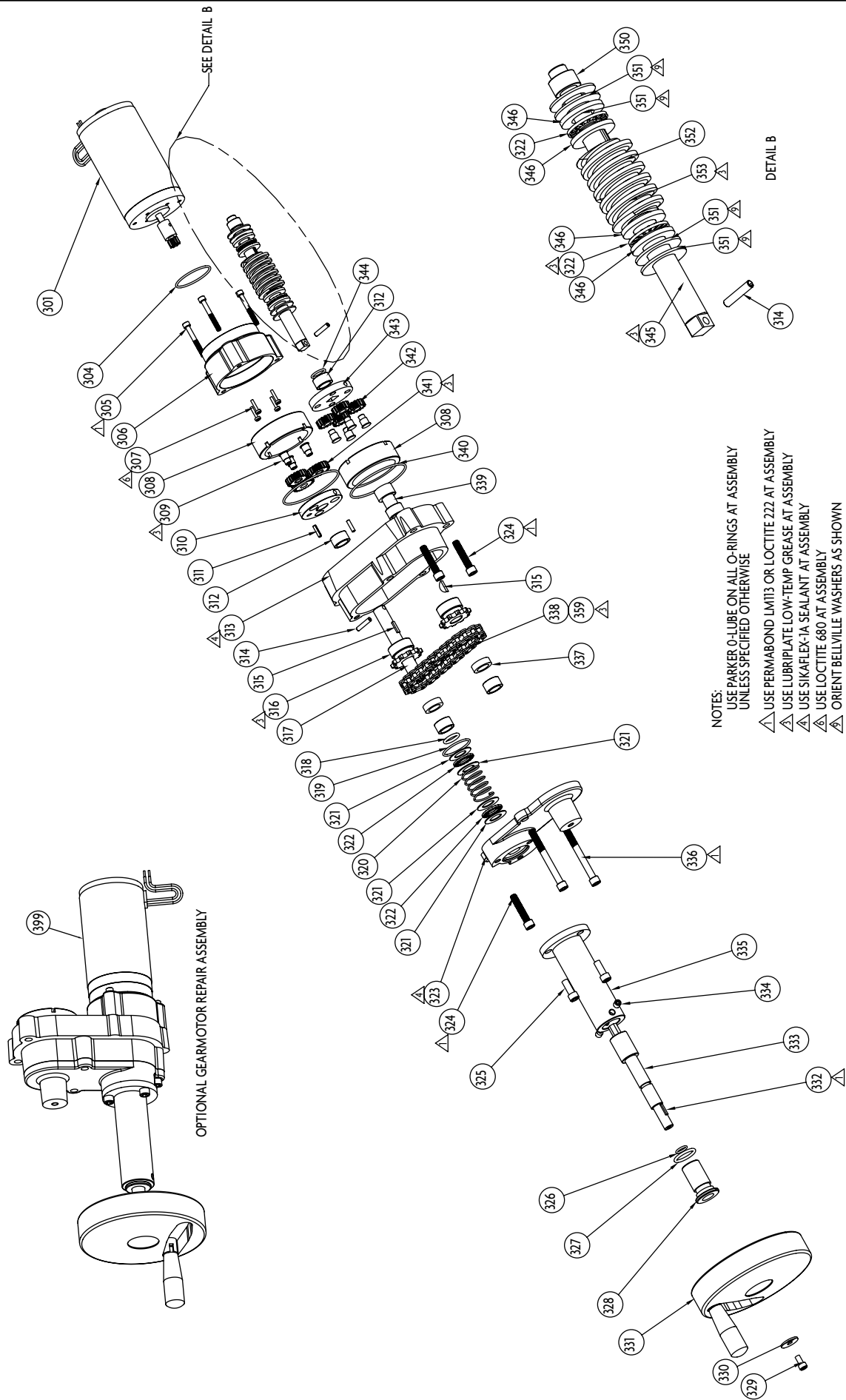
NOTE:
USE PERMABOND LM 113 OR LOCTITE 222
ON ALL THREADED FASTENERS.



- NOTES
- USE PARKER O-LUBE ON ALL O-RINGS AT ASSEMBLY UNLESS SPECIFIED OTHERWISE
 - USE PERMABOND LIMITS OR LOCTITE 222 AT ASSEMBLY
 - THOROUGHLY COAT SOCKETS FOR FEEDBACK SHAFTS WITH NEVER SEEZ MARINERS CHOICE



- NOTES:
- USE PARKER O-LUBE ON ALL O-RINGS AT ASSEMBLY UNLESS SPECIFIED OTHERWISE
 - △ USE PERMABOND LM113 OR LOCTITE 222 AT ASSEMBLY
 - △ USE PERMABOND HH120 OR LOCTITE 277 AT ASSEMBLY
 - △ USE LUBRIPLATE LOW-TEMP GREASE AT ASSEMBLY
 - △ TIGHTEN 22-28 FT LBS AT ASSEMBLY
 - △ TIGHTEN 32-38 FT LBS AT ASSEMBLY



- NOTES:
- USE PARKER O-LUBE ON ALL O-RINGS AT ASSEMBLY UNLESS SPECIFIED OTHERWISE
 - USE PERMABOND LM113 OR LOCTITE 222 AT ASSEMBLY
 - USE LUBRIPLATE LOW-TEMP GREASE AT ASSEMBLY
 - USE SIKAFLEX-1A SEALANT AT ASSEMBLY
 - USE LOCTITE 680 AT ASSEMBLY
 - ORIENT BELLEVILLE WASHERS AS SHOWN

DETAIL A

NOTES:

USE PARKER O-LUBE ON ALL O-RINGS AT ASSEMBLY UNLESS SPECIFIED OTHERWISE

1. USE PERMABOND LM113 OR LOCTITE 222 AT ASSEMBLY

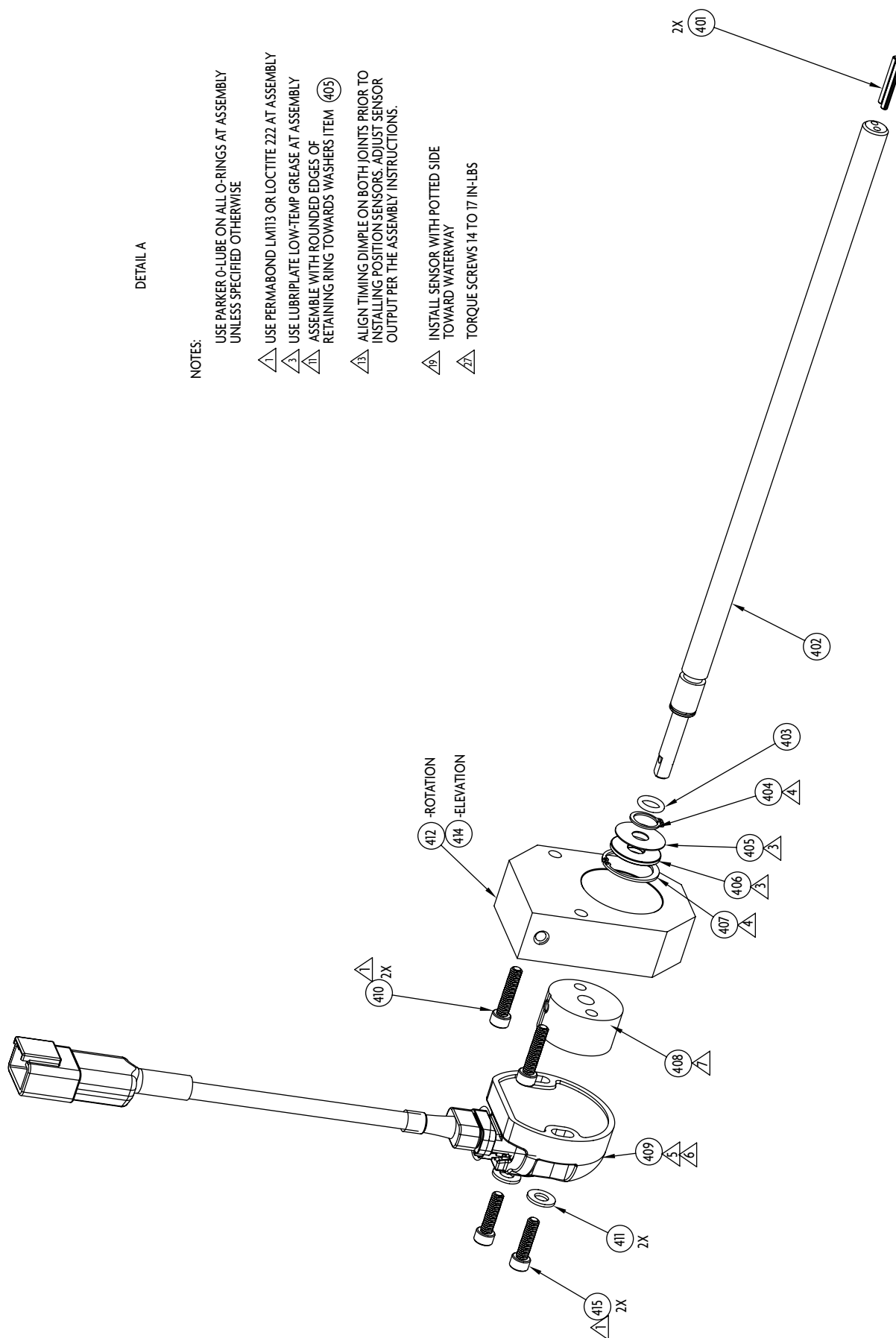
3. USE LUBRIPLATE LOW-TEMP GREASE AT ASSEMBLY

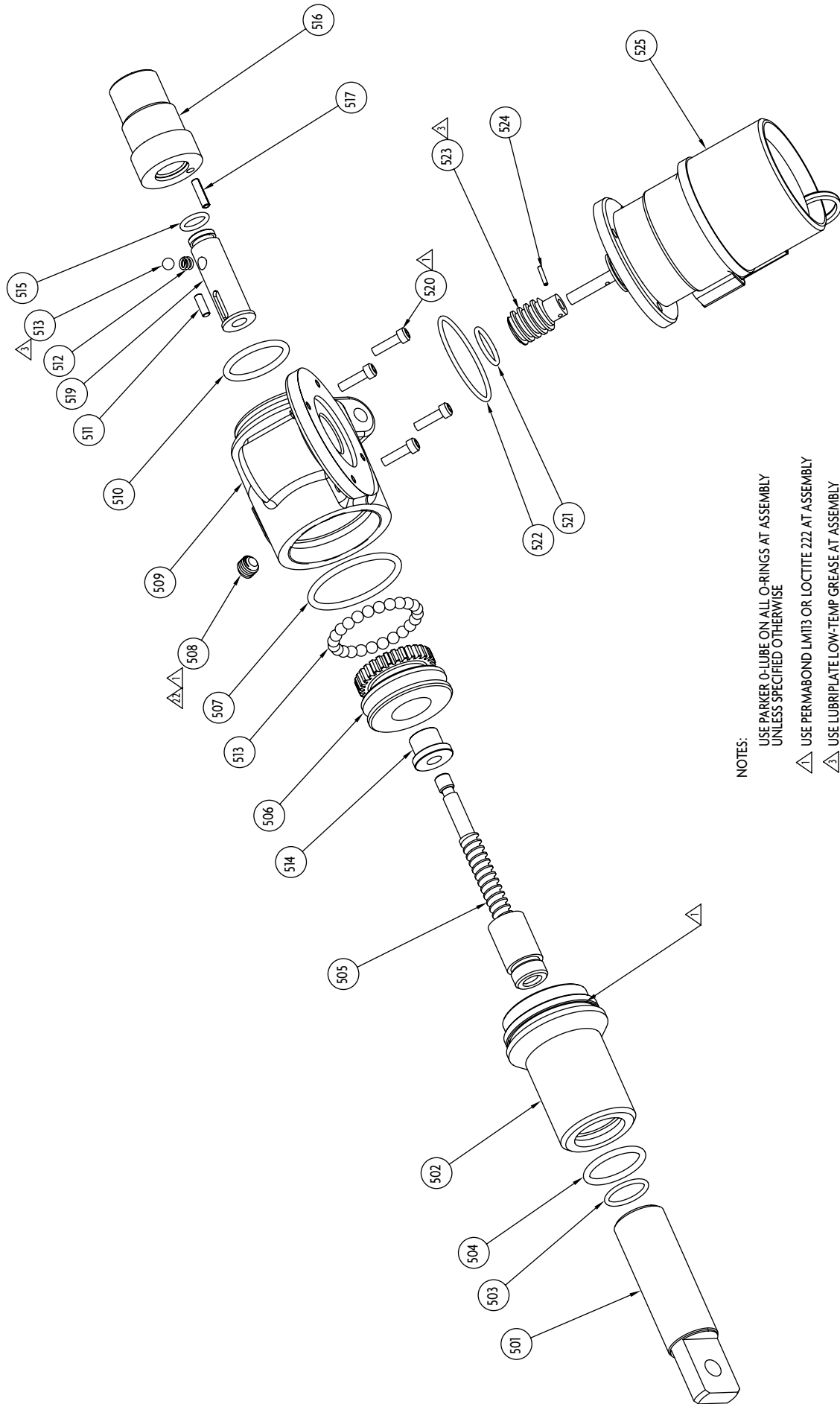
11. ASSEMBLE WITH ROUNDED EDGES OF RETAINING RING TOWARDS WASHERS ITEM 405

13. ALIGN TIMING DIMPLE ON BOTH JOINTS PRIOR TO INSTALLING POSITION SENSORS. ADJUST SENSOR OUTPUT PER THE ASSEMBLY INSTRUCTIONS.

9. INSTALL SENSOR WITH POTTED SIDE TOWARD WATERWAY

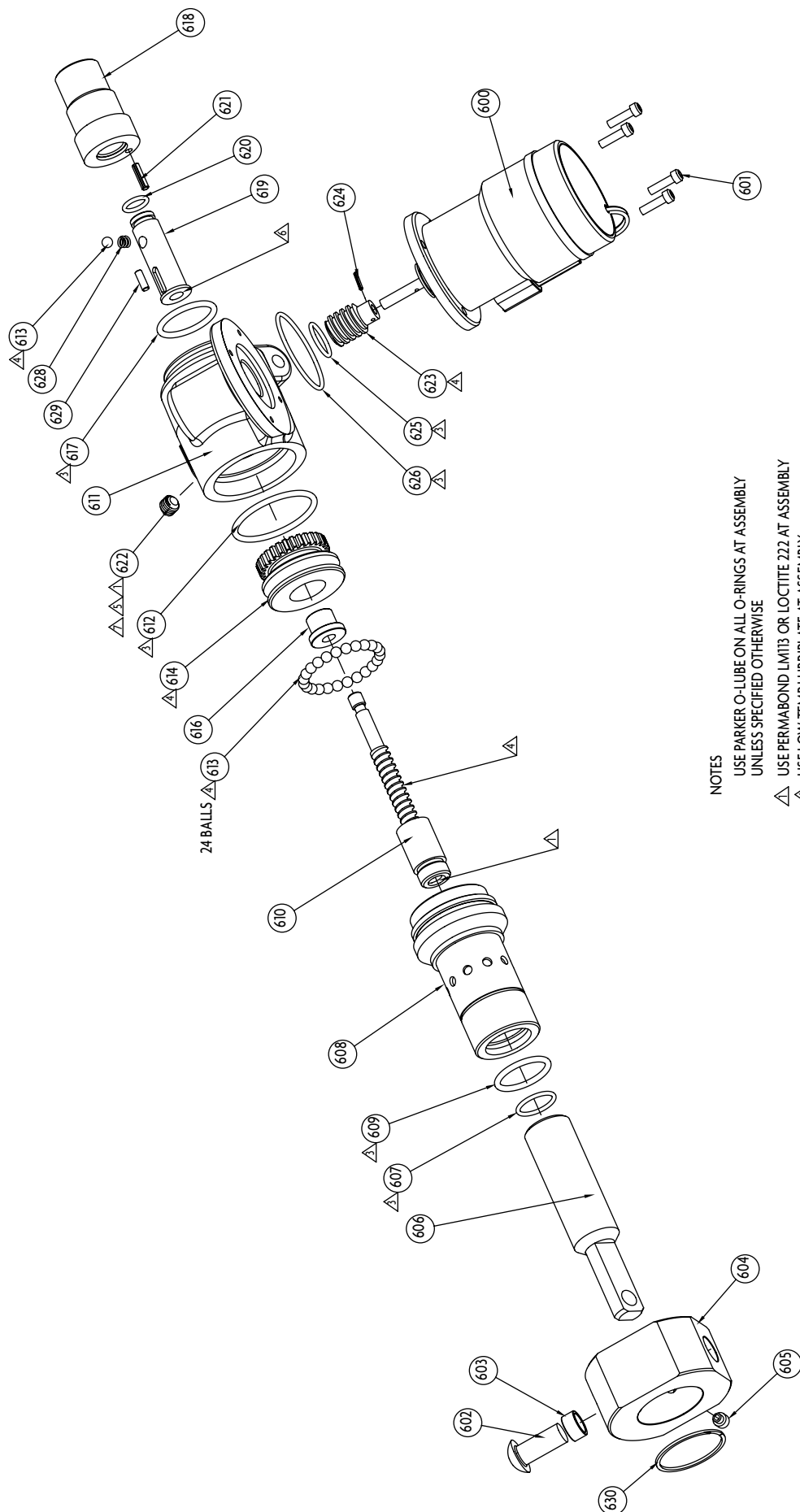
27. TORQUE SCREWS 14 TO 17 IN-LBS





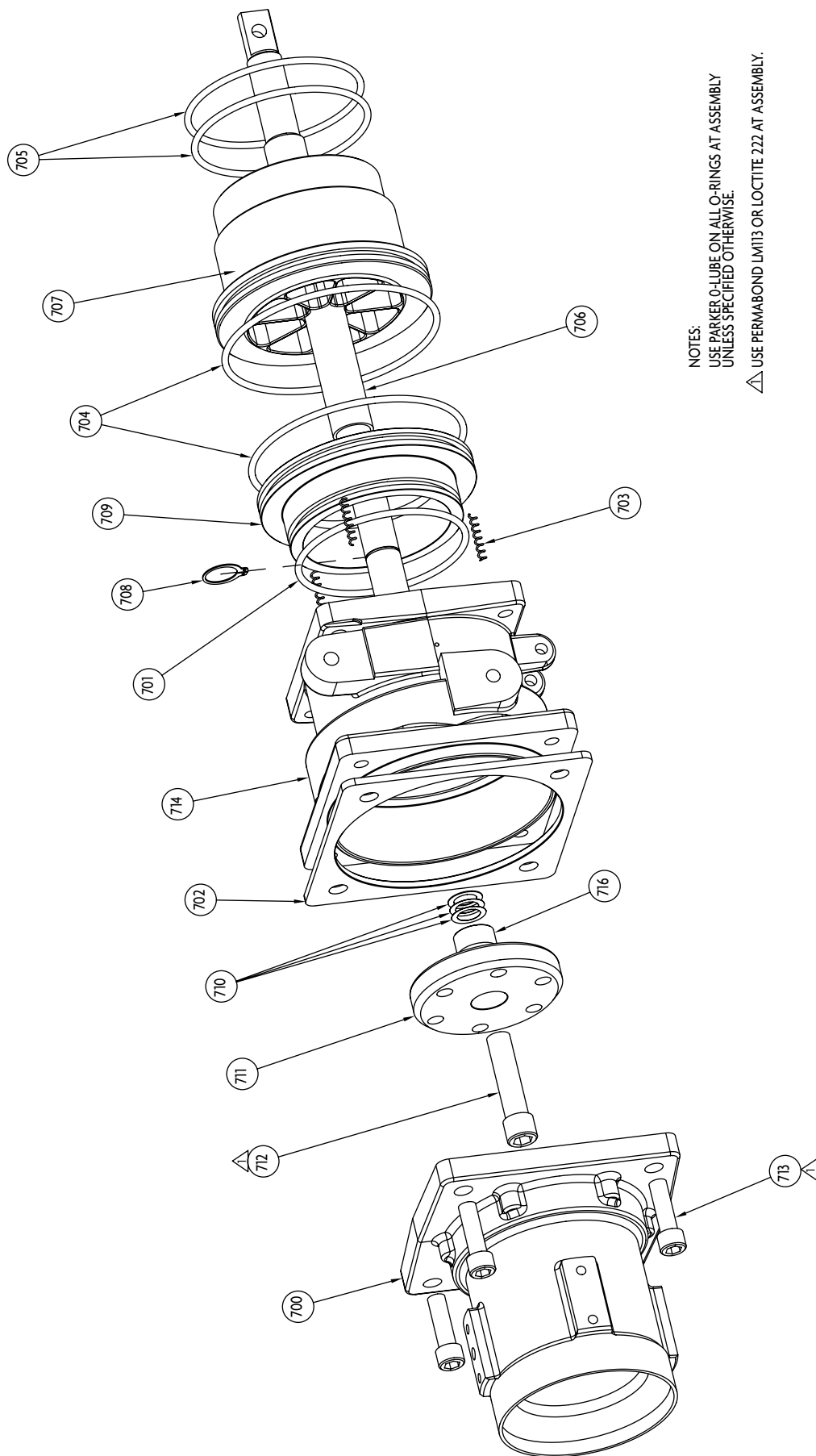
NOTES:

- USE PARKER O-LUBE ON ALL O-RINGS AT ASSEMBLY
UNLESS SPECIFIED OTHERWISE
- △ USE PERMABOND LM113 OR LOCTITE 222 AT ASSEMBLY
- △△ USE LUBRIPLATE LOW-TEMP GREASE AT ASSEMBLY
- △△ CENTER A BALL IN LOADING HOLE. SCREW IN SET SCREW
UNTIL IT MAKES CONTACT WITH THE BALL. BACK SET
SCREW OUT "SLIGHTLY" UNTIL SPINDLE MOVES FREELY

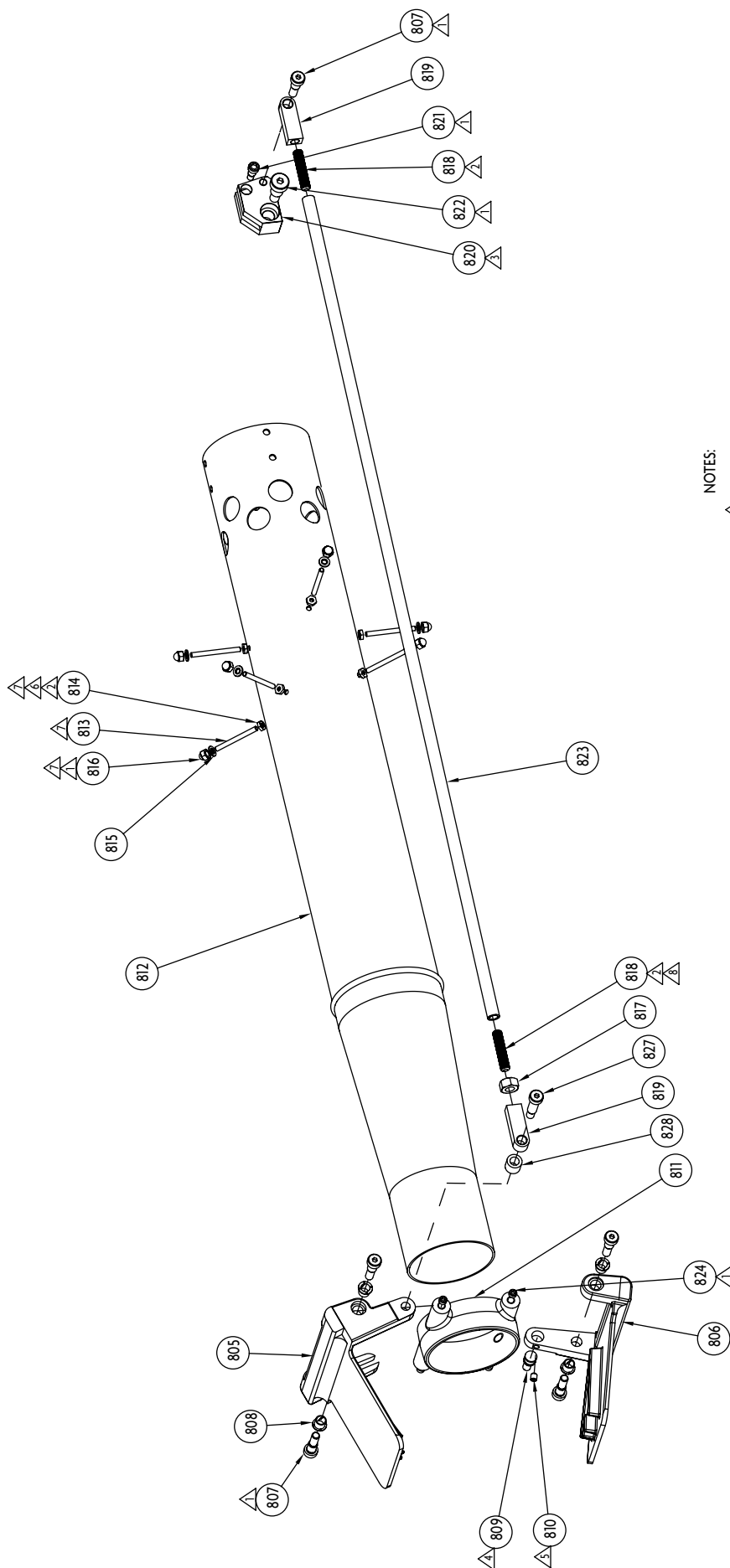


NOTES

- USE PARKER O-LUBE ON ALL O-RINGS AT ASSEMBLY UNLESS SPECIFIED OTHERWISE
- USE PERMABOND LM13 OR LOCTITE 222 AT ASSEMBLY
- USE LOW TEMP LUBRILATE AT ASSEMBLY
- CENTER A BALL IN LOADING HOLE. SCREW IN SET SCREW UNTIL IT MAKES CONTACT WITH THE BALL. BACK SET SCREW OUT "SLIGHTLY" UNTIL SPINDLE STARTS MOVING FREELY
- CLEAN AND PRIMER BEFORE USING LOCTITE OR PERMABOND
- SCREW IN TIGHT AND THEN BACK OUT 1/4 TURN



NOTES:
 USE PARKER O-LUBE ON ALL O-RINGS AT ASSEMBLY
 UNLESS SPECIFIED OTHERWISE.
 ▲ USE PERMABOND LM113 OR LOCTITE 222 AT ASSEMBLY.



NOTES:

- △ USE PERMABOND LMT13 OR LOCTITE 222 AT ASSEMBLY.
- △ USE PERMABOND HH120 OR LOCTITE 277 AT ASSEMBLY.
- △ USE LUBRIPLATE LOW-TEMP GREASE AT ASSEMBLY.
- △ ADJUST TO BALANCE REACTION FORCE AT RATED FLOW. START WITH CAM POST POSITIONED NEAR OPEN END OF SLOT.
- △ USE LOCTITE 290 AFTER TESTING.
- △ ALLOW LOCTITE TO SET BEFORE CONTINUING ASSEMBLY.
- △ CLEAN AND PRIMER BEFORE USING LOCTITE OR PERMABOND.
- △ SCREW ITEM 455 INTO 407 UNTIL IT STOPS (3/4").

ITEM No.	DESCRIPTION	GALLONAGE														
		D-45351 WITH COWLING					D-46219 WITH OUT COWLING				D-45790 W/COWLING		D-45723 W/OUT COWLING		D-45530 W/COWLING	
		1.2k-6k GPM 4.5k-2.25k LPM	1.3k-6k GPM 5k-2.5k LPM	1.5k-75k GPM 6k-3k LPM	COMMON COMPONENTS	QTY	1.2k-6k GPM 4.5k-2.25k LPM	1.3k-6k GPM 5k-2.25k LPM	COMMON COMPONENTS	QTY	1k-2k GPM 7.6k-3.8k LPM	QTY	.75k-.375k GPM 3k-1.5k LPM	QTY	.75k-.375k GPM 3k-1.5k LPM	QTY
9	SCREW, SET CUP POINT 1/4-20 x 5/16				765047	1			765047	1	765047	1	765047	1	765047	5
10	SCREW, SLOTTED PAN HEAD #10-24 x 3/8				765143	4			765143	4	765143	4	765143	4	765143	4
16	FULCRUM, GALLONAGE				713229	1			713229	1	713244	1	713239	1	713239	1
17	PIN, PIVOT ACTUATOR				745200	1			745200	1	745200	2	745200	1	745200	1
18	PIN, LEVER				745199	2			745199	2	745199	2	745199	2	745199	2
19	LEVER, GALLONAGE ACTUA-TOR				121937	1			121937	1	122459	1	122274	1	122274	1
20	RING, EXTERNAL RETAINER 5/16				756181	4			756181	4	756181	4	756181	4	756181	4
21	RING, EXTERNAL RETAINER 1/4				756180	2			756180	2	756180	4	756180	2	756180	2
22	CAP, BEARING				121985	1			121985	1	121985	1			121985	1
22	CAP, BEARING										765083	2				
23	CAP, BEARING				121607	1			121607	1	121607	1	121607	1	121607	1
24	O-RING 2-123 BUNA N70				757054	2			757054	2	757054	2	757054	2	757054	2
25	O-RING 2-110 BUNA N70				757295	1			757295	1	757295	2	757295	1	757295	1
26	TIE, NYLON CABLE										773106	1			773106	1
33	CLAMP, CABLE 5/16				707548	4			707548	3	707548	4	707548	4	707548	4
34	SCREW, HEX HEAD 5/16-18 x 5/8				767174	8			767174	8	767174	8	761050	8	761050	8
35	SCREW, SOCKET HEAD CUP POINT 5/16-18 x 3/8				765323	3			765323	4						
36	SCREW, SOCKET HEAD SET LOC WELL 1/4 -20 x 1/4				765083	2										
38	CLAMP, CABLE 1/4				707189	1			707189	1					707189	1
39	PIN, ROLL				744056	1			744056	1	744056	1				
40	CLIP, HAIRPIN				744222	2			744222	2	744222	2				
41	WASHER, FLAT 3/8				784064	2			784064	2	784064	2				
42	END, CLEVIS				710145	1			710145	1	710145	1				
43	PIN, GAS SPRING				742175	1			742175	1	742175	1				
44	CLAMP 7/32				707524	1			707524	1	707524	1				
45	BELLOWS, GAS SPRING				704951	1			704951	1	704951	1				
46	CLAMP, WORM DRIVE				706017	1			706017	1	706017	1				
47	CYLINDER, GAS				707515	1			707515	1	707515	1				
48	CAM ADJUSTOR				707154	1			707154	1	707154	1				
49	CLEVIS END				707155	1			707155	1	707155	1				
50	SCREW, SOCKET HEAD CUP POINT SET 5/16-18 x 1/2				765268	1			765268	1	765268	1				
51	PACKING LIST/INSTRUC-TIONS/HARDWARE				121952	1			121952	1	121952	1			734061	4
51	NUT, HEX 1/4-20				734061	4					734061	4				
52	SCREW, FLAT HEAD SOCKET 1/4-20 x 5/8				760040	2					760040	2			760040	2
53	SCREW, HEX HEAD CAP 1/4-20 x 5/8				761077	2					761077	2			761077	2
54	SCREW, BUTTON HEAD #10-24 x 3/4				766009	8					766009	8			766009	8
55	SCREW, BUTTON HEAD SOCKET 5/16-18 x 3/4				766055	2					766055	2			766055	2
56	SCREW, BUTTON HEAD SOCKET 1/4-20 x 3/4				766056	14					766056	14			766056	14

57	SCREW, FLAT HEAD SOCKET 5/16-18 x 5/8					766057	3					766057	3			766057	3
58	WASHER, FLAT #10					784072	8					784072	8				
ITEM No.	DESCRIPTION	GALLONAGE															
		D-45351 WITH COWLING				D-46219 WITH OUT COWLING				D-45790 W/COWLING		D-45723 W/OUT COWLING		D-45530 W/COWLING			
		1.2k-.6k GPM 4.5k-2.25k LPM	1.3k-.6k GPM 5k-2.5k LPM	1.5k-.75k GPM 6k-3k LPM	COMMON COMPONENTS	QTY	1.2k-.6k GPM 4.5k-2.25k LPM	1.3k-.6k GPM 5k-2.25k LPM	COMMON COMPONENTS	QTY	1k-2k GPM 7.6k-3.8k LPM	QTY	.75k-.375k GPM 3k-1.5k LPM	QTY	.75k-.375k GPM 3k-1.5k LPM	QTY	
61	WASHER, FLAT NYLON 1/16 THICK				784179	14					784179	14			784179	14	
62	SPACER, 90mm				768411	8					768411	8			768411	8	
63	SPACER, .062 THICK				768413	3					768413	3			768413	3	
64	SPACER, .125 THICK				768414	3					768414	3			768414	3	
65	BRACKET, TOP				121982	1					121982	1			121982	1	
66	BRACE, TURRET COWLING				121983	1					121983	1			121983	1	
67	BRACKET, SIDE				121980	1					121980	1			121980	1	
68	BRACKET, FRONT				121981	1					121981	1			121981	1	
69	COVER, TURRET W/DRY CHEM				707999	1					707999	1			707999	1	
69	COVER, TURRET STANDARD				707594	1					707594	1			707594	1	
69	COVER, TURRET FOR GAUGE				122885						807022				122885	1	
71	COVER, LIGHT				807022	1					807022	1			807022	1	
72	LIGHT,HALOGEN 90mm 12V				729569	2					729593	2			729593	2	
73	HARNESS, WIRING				721510	1					721510	1			721510	1	
74	GAUGE, 2 1/2 DIAL								708107	1					708107	1	
75	HOSE, BRAIDED 34" LONG								34650127	1							
77	PIPE COUPLING 1/4 x 1/8 NPT								707745	1					707745	1	
78	BRACKET, PRESSURE GAUGE MOUNTING								703980	1							
79	SCREW, PAN HEAD #6-32 X 1/2								765312	3					765312	3	
80	SCREW SOC-HD CAP 1/4 -20x1/2" LG								765020	2							
84	RECEPTACLE														707541	2	
95	BAG, PLASTIC 5 x 7				703450	2			703450	1	703450	1	703450	1	703450	1	
115	SHEET, INSTRUCTION				121597	0			121597	0	121597	0	121597		121597		
116	PACKING LIST/INSTRUCTIONS/HARDWARE				121952	1							121952	1	121952	1	
118	SHEET, PARTS LIST				121950	0			121950	0	121950	0	121950		121950		
201	BASE, INLET				122066	1			122066	1	122066	1	122066	1	122066	1	
202	PLATE, IDENTIFICATION				744515	1			744515	1	744515	1	744515	1	744515	1	
203	NAIL, GRIP				736052	4			736052	4	736052	4	736052	4	736052	4	
204	PLUG				744432	2			744432	2	744432	2	744432	2	744432	2	
205	STOP, PERMANENT				769752	1			769752	1	769752	1	769752	1	769752	1	
206	O-RING 2-355 BUNA N70				757453	1			757453	1	757453	1	757453	1	757453	1	
207	O-RING 2-260 BUNA N70				757386	2			757386	2	757386	2	757386	2	757386	2	
208	O-RING 2-171 BUNA N70				757435	2			757435	2	757435	2	757435	2	757435	2	
210	RING, BALL RETAINER				120095	2			120095	2	120095	2	120095	2	120095	2	
211	GEAR, ELEVATION				121593	2			121593	2	121593	2	121593	2	121593	2	
212	STOP				769755	2			769755	2	769755	2			769755	2	
213	SCREW, SOCKET HEAD CAP #6-32 x 3/8				765175	2			765175	2	765175	2	765175	2	765175	2	
214	KEEPER				120137	2			120137	2	120137	2	120137	2	120137	2	
215	SCREW, SOCKET HEAD CUP POINT SET #10-24 x 5/16				765040	2			765040	2	765040	2	765040	2	765040	2	
216	BALL, BRONZE 1/2				703383	184			703383	184	703383	184	703383	184	703383	184	
217	SCREW, SOCKET HEAD CAP 1/4 -20 x 3/4				765030	24			765030	24	765030	24	765030	24	765030	24	
218	O-RING 2-348 BUNA N70				757376	1			757376	1	757376	1	757376	1	757376	1	
219	SLIDER, 355" TRAVEL				122127	1			122127	1	122127	1	122127	1	122127	1	
220	JOINT, ROTATION				123383	1			123383	1	123383	1	123383	1	123383	1	
222	O-RING 2-245 BUNA N70				757225	1			757225	1	757225	1	757225	1			
223	SCREW, SOCKET HEAD CAP 7/16-14 x 1-1/4				765207	4			765207	4	765207	4	765207	4	765207	4	
224	SCREW, SOCKET HEAD CAP #10-24 x 2				763077	2			763077	2	763077	2	763077	2	763077	2	
225	HARNESS, WIRING 8'				721538	1			721538	1	721538	1	721538	1	721538	1	
226	STOP				769843	1			769843	1	769843	1	769843	1			
227	PLUG				745187	2			745187	2	745187	2	745187	2	745187	2	
228	ELBOW, MIDDLE				121592	1			121592	1	121592	1	121592	1	121592	1	
230	O-RING 2-347 BUNA N70				757446	1			757446	1	757446	1	757446	1	757446	1	
231	O-RING 2-249 BUNA N70				757075	1			757075	1	757075	1	757075	1	757075	1	
232	ELBOW, OUTLET				121933	1			121933	1	121933	1	121933	1	121933	1	
233	PLUG, SOCKET HEAD PIPE 1/4				744011	1			710166	1	744011	1	744011	1	744011	1	
234	O-RING 2-116 BUNA N70				757113	1			757113	1	757113	1	757113	1			

ITEM No.	DESCRIPTION	GALLONAGE														
		D-45351 WITH COWLING					D-46219 WITH OUT COWLING				D-45790 W/COWLING		D-45723 W/OUT COWLING		D-45530 W/COWLING	
		1.2k-6k GPM 4.5k-2.25k LPM	1.3k-6k GPM 5k-2.5k LPM	1.5k-7.5k GPM 6k-3k LPM	COMMON COMPONENTS	QTY	1.2k-6k GPM 4.5k-2.25k LPM	1.3k-6k GPM 5k-2.25k LPM	COMMON COMPONENTS	QTY	1k-2k GPM 7.6k-3.8k LPM	QTY	.75k-.375k GPM 3k-1.5k LPM	QTY	.75k-.375k GPM 3k-1.5k LPM	QTY
301	MOTOR 12V24V				731100	1			731101	1	731101	1	731100	1	731101	1
301	MOTOR, RECEPTICLE GEAR 12V/24V				33560032	1			33560031	1	33560031	1	33560032	1	731101	1
302	SCREW, SOCKET HEAD CUP POINT SET #6-32 x 1/8				765082	1			765082	1	765082	1	765082	1	765082	2
303	MOTOR, GEAR				718261	1			718261	1	718261	1	718261	1	718261	2
304	O-RING 2-029 BUNA N70				757056	1			757056	1	757056	1	757056	1	757056	1
305	SCREW, SOCKET HEAD CAP #8-32 x 1-3/8				765278	3			765278	3	765278	3	765278	3	765278	6
306	GEARBOX, PLANETARY				121589	1			121589	1	121589	1	121589	1	121589	2
307	SCREW, SOCKET HEAD CAP W/PATCH #6-32 x 1/2				765052	4			765052	4	765052	4	765052	4	765052	8
308	GEAR, INTERNAL				718192	2			718192	2	718192	2	718192	2	718192	4
309	RIVET, SHORT				754052	7			754052	7	754052	7	754052	7	754052	14
310	CARRIER, 7:1 OUTPUT				707564	1			707564	1	707564	1	707564	1	707564	2
311	PIN, ROLL 1/8 x 1/2				744288	2			744288	2	744288	2	744288	2	744288	
312	BEARING, NEEDLE ROLLER 1/2 ID.				704395	5			704395	5	704395	5	704395	5	704395	10
313	HOUSING, GEARBOX				121588	1			121588	1	121588	1	121588	1	121588	2
314	PIN, ROLL				744118	2			744118	2	744118	2	744118	2	744118	4
315	KEY, WOODRUFF 1/8 x 1/2				727025	2			727025	2	727025	2	727025	2	727025	4
316	SPROCKET, 10 TEETH, 1/2 BORE, # 35 CHAIN				769499	2			769499	2	769499	2	769499	2	769499	4
317	SHAFT, OUTPUT				768405	1			768405	1	768405	1	768405	1	768405	2
318	O-RING 2-112 BUNA N70				757313	1			757313	1	757313	1	757313	1	757313	2
319	O-RING 2-023 N674 N70				757345	1			757345	1	757345	1	757345	1	757345	2
320	SPRING, COMPRESSION				768403	1			768403	1	768403	1	768403	1	768403	2
321	WASHER, THRUST				784111	4			784111	4	784111	4	784111	4	784111	8
322	BEARING, NEEDLE				703453	4			703453	4	703453	4	703453	4	703453	8
323	COVER, GEARBOX				121882	1			121882	1	121882	1	121882	1	121882	2
324	SCREW, SOCKET HEAD CAP 1/4-20 x 1-1/4				765277	3			765277	3	765277	3	765277	3	765277	6
325	SCREW, SOCKET HEAD CAP 1/4-20 x 5/8				765029	3			765029	3	765029	3	765029	3	765029	6
326	O-RING 2-012 N674 N70				757282	1			757282	1	757282	1	757282	1	757282	
327	O-RING 2-116				757113	1			757113	1	757113	1	757113	1	757113	3
328	BUSHING, HANDWHEEL				121871	1			121871	1	121871	1	121871	1	121871	2
329	SCREW, SOCKET HEAD CAP #10-24 X 3/8				767029	1			767029	1	767029	1	767029	1	767029	2
330	WASHER, FLAT #10				784164	1			784164	1	784164	1	784164	1	784164	10
331	HARNES, WIRING				721495	1			721495	1	721495	1	721495	1		
331	HANDWHEEL, PLASTIC WITH FOLDING HANDLE				721595	1							721595	1	721595	2
332	KEY, WOODRUFF 3/32 x 1/2				727026	1			727026	1	727026	1	727026	1	727026	2
333	SHAFT, HANDWHEEL				768404	1			768404	1	768404	1	768404	1	768404	2
334	SCREW, CUP POINT SET 1/4- 20 x 5/16				765047	2			765047	2	765047	2	765047	2		
335	EXTENSION, HANDWHEEL				121872	1			121872	1	121872	1	121872	1	121872	2
336	SCREW, SOCKET HEAD CAP 1/4-20 x 2-1/2				765276	2			765276	2	765276	2	765276	2	765276	4
337	SPACER, .246 THICK				769495	2			769495	2	769495	2	769495	2	769495	4
338	CHAIN, ROLLER #35				706923	12			706923	12	706923	12	706923	12	706923	24
339	SHAFT, SPROCKET				768395	1			768395	1	768395	1	768395	1	768395	2
340	O-RING 2-036 BUNA N70				757312	2			757312	2	757312	2	757312	2	757312	4
341	GEAR, PLANET				718262	3			718262	3	718262	3	718262	3	718262	6
342	GEAR, PLANET				718136	4			718136	4	718136	4	718136	4	718136	8
343	CARRIER, 4:1 SQUARE DRIVE				707476	1			707476	1	707476	1	707476	1	707476	2
344	O-RING 2-014 BUNA N70				757041	1			757041	1	757041	1	757041	1	757041	2
345	SHAFT, WORM				768393	1			768393	1	768393	1	768393	1	768393	2
346	WASHER, THRUST				784121	4			784121	4	784121	4	784121	4	784121	8
350	BEARING, 3/8 ID				704393	1			704393	1	704393	1	704393	1	704393	2
351	SPRING, BELLEVILLE				769276	4			769276	4	769276	4	769276	4	769276	8
352	KEY, SPECIAL				727044	1			727044	1	727044	1	727044	1	727044	2
353	GEAR, WORM				718273	1			718273	1	718273	1	718273	1	718273	2
354	RECEPTACLE, DEUTSCH				707541	1			707541	1	707541	1	707541	1		
355	WEDGE LOCK, DEUTSCH				784105	1			784105	1	784105	1	784105	1	784105	2
356	CONTACT PIN, DEUTSCH				741055	2			741055	2	741055	2	741055	2	741055	4
357	TUBE, SHRINK				772220	3			772220	3	772220	3	772220	3	772220	6
358	TUBE, SHRINK				772103	6			772103	6	772103	6	772103	6	772103	12
359	LINK, MASTER #35				729092	1			729092	1	729092	1	729092	1	729092	2
399	12V GEAR MOTOR REPAIR ASSY.				33560034	1			33560034	1	33560034	1	33560034	1	33560034	1

ITEM No.	DESCRIPTION	GALLONAGE														
		D-45351 WITH COWLING					D-46219 WITH OUT COWLING				D-45790 W/COWLING		D-45723 W/OUT COWLING		D-45530 W/COWLING	
		1.2k-.6k GPM 4.5k-2.25k LPM	1.3k-. 6k GPM 5k-2.5k LPM	1.5k-.75k GPM 6k-3k LPM	COMMON COMPONENTS	QTY	1.2k-.6k GPM 4.5k-2.25k LPM	1.3k-.6k GPM 5k-2.25k LPM	COMMON COMPONENTS	QTY	1k-2k GPM 7.6k-3.8k LPM	QTY	.75k-.375k GPM 3k-1.5k LPM	QTY	.75k-.375k GPM 3k-1.5k LPM	QTY
399	24V GEAR MOTOR REPAIR ASSY.				33560035	1			33560035	1	33560035	1	33560035	1	33560035	1
401	PIN, ROLL				744078	4			744078	4	744078	4	744078	4	744078	4
402	SHAFT, ELEVATION FEEDBACK				770345	1			770345	1	770345	1	770345	1	770345	1
402	SHAFT, ROTATION FEEDBACK				770346	1			770346	1	770346	1	770346	1	770346	1
405	SHIM, .015 THICK				769887	2			769887	2	769887	2	769887	2	769887	2
406	WASHER, .238 ID				784192	2			784192	2	784192	2	784192	2	784192	2
407	RING, RETAINING TRUARC				756171	2			756171	2	756171	2	756171	2	756171	2
408	MARKER, MAGNET POSITION				731127	2			731127	2	731127	2	731127	2	731127	2
409	SENSOR, MAGNETIC ROTARY ANGLE				60430006	2			60430006	2	60430006	2	60430006	2	60430006	2
410	SCREW, SOCKET HEAD CAP #8-32 x 3/4				765178	4			765178	4	765178	4	765178	4	765178	4
411	WASHER, #8 NARROW				784123	4			784123	4	784123	4	784123	4	784123	4
412	ADAPTER, ROTATION FEEDBACK				122128	1			122128	1	122128	1	122128	1	122128	1
412	ADAPTER, ELEVATION FEEDBACK				122129	1			122129	1	122129	1	122129	1	122129	1
415	SCREW SOCKET HEAD CAP 8-32X5/8				765360	4			765360	4	765360	4	765360	4	765360	4
501	HOUSING, SCREW				121936	1			121936	1	121936	1	121936	1	121936	1
502	TUBE, GUIDE				118253	1			118253	1	118253	1	118253	1	118253	1
503	O-RING 2-016 BUNA N70				757055	1			757055	1	757055	1	757055	1	757055	1
504	O-RING 2-118 BUNA N70				757293	1			757293	1	757293	1	757293	1	757293	1
505	SCREW, FREEWHEELING BALL ASSEMBLY				767136	1			767136	1	767136	1	767148	1	767148	1
506	GEAR, OVERRIDE ACTUATOR				718292	1			718292	1	718292	1	718292	1		
507	O-RING 2-127 N674 70N				757048	1			757048	1	757048	1	757048	1	757048	1
508	SCREW, SOCKET HEAD FLAT POINT SET 5/16-24 x 1/4				765134	1			765134	1	765134	1	765134	1		
509	HOUSING, ACTUATOR				121932	1			121932	1	121932	1	121932	1	121932	1
510	O-RING 2-119 N818 N70				757330	1			757330	1	757330	1	757330	1	757330	1
511	KEY, SPECIAL				727050	1			727050	1	727050	1	727050	1	727050	1
512	SPRING, DETENT				768283	1			768283	1	768283	1	768283	1	768283	1
513	BALL, 3/16				704018	25			704018	25	704018	25	704018	25	704018	25
514	HUB, OVERRIDE				721547	1			721547	1	721547	1	721547	1	721547	1
515	O-RING 2-012 N674 N70				757282	1			757282	1	757282	1	757282	1	757282	
516	COLLAR, OVERRIDE				119500	1			119500	1	119500	1	119500	1	119500	1
517	PIN, ROLL 1/8 x 1/2				744288	1			744288	1	744288	1	744288	1	744288	10
519	SHAFT, OVERRIDE								770343	1	770343	1	770343	1	770343	1
520	SCREW, SOCKET HEAD CAP #6-32 x 1/2				765150	4			765150	4	765150	4	765150	4		
521	O-RING 2-015				757112	1			757112	1	757112	1	757112	1	757112	1
522	O-RING 2-029 BUNA N70				757056	1			757056	1	757056	1	757056	1	757056	1
523	WORM, PATTERN ACTUATOR				785021	1			785021	1	785021	1	785021	1	785021	2
524	PIN, ROLL 1/16 x 3/8				744341	1			744341	1	744341	1	744341	1	744341	1
525	MOTOR, 12V/24V				33560007	1			33560010	1	33560010	1	33560007	1	33560010	1
600	MOTOR, 12V/24V				33560007	1			33560010	1	33560010	1	33560007	1	33560010	1
601	SCREW, SOCKET HEAD CAP #6-32 x 1/2				765150	4			765150	4	765150	4	765150	4	765150	8
602	SCREW, SOCKET BUTTON HEAD 3/8-16 x 7/8				767162	1			767162	1	767162	1	767162	1	767162	1
603	BRACKET, SPACER				768381	1			768381	1	768381	1	768381	1	768381	1
604	BRACKET, ACTUATOR				120649	1			120649	1	120649	1	120649	1	120649	1
605	SCREW, SOCKET HEAD DOG POINT SET 1/4 -20 x 5/16				765070	1			765070	1	765070	1	765070	1	765070	1
606	HOUSING, SCREW				120653	1			120653	1	120653	1	120653	1	120653	1
607	O-RING 2-016 BUNA N70				757055	1			757055	1	757055	1	757055	1	757055	1
608	TUBE, GUIDE				120650	1			120650	1	120650	1	120650	1	120650	1
609	O-RING 2-118 BUNA N70				757293	1			757293	1	757293	1	757293	1	757293	1
610	SCREW, FREE WHEELING BALL ASSEMBLY				767149	1			767149	1	767149	1	767149	1	767149	1
611	HOUSING, ACTUATOR				121932	1			121932	1	121932	1	121932	1	121932	1
612	O-RING 2-127 N674 N70				757048	1			757048	1	757048	1	757048	1	757048	1
613	BALL, 3/16				704018	25			704018	25	704018	25	704018	25	704018	25
614	GEAR, ACTUATOR OVERRIDE				718226	1			770343	1	770343	1			718292	2
614	GEAR, ACTUATOR OVERRIDE								718292	1	718292	1	718292	1		
615	SHIM				768361	1										
616	RING, RETAINING				758192	1										
616	HUB, OVERRIDE								721547	1	721547	1	721547	1	721547	1
617	O-RING 2-119 N818 N70				757330	1			757330	1	757330	1	757330	1	757330	1
618	COLLAR, OVERRIDE				119500	1			119500	1	119500	1	119500	1	119500	1
619	SHAFT, OVERRIDE				770343	1							770343	1	770343	1

620	O-RING 2-012 N674 N70				757282	1			757282	1	757282	1	757282	1	757282	4
ITEM No.	DESCRIPTION	GALLONAGE														
		D-45351 WITH COWLING					D-46219 WITH OUT COWLING				D-45790 W/COWLING		D-45723 W/OUT COWLING		D-45530 W/COWLING	
		1.2k-.6k GPM 4.5k-2.25k LPM	1.3k-.6k GPM 5k-2.5k LPM	1.5k-.75k GPM 6k-3k LPM	COMMON COMPONENTS	QTY	1.2k-.6k GPM 4.5k-2.25k LPM	1.3k-.6k GPM 5k-2.25k LPM	COMMON COMPONENTS	QTY	1k-2k GPM 7.6k-3.8k LPM	QTY	.75k-.375k GPM 3k-1.5k LPM	QTY	.75k-.375k GPM 3k-1.5k LPM	QTY
621	PIN, ROLL 1/8 x 1/2				744288	1			744288	1	744288	1	744288	1	744288	10
624	PIN, ROLL 1/16 x 3/8				744341	1			744341	1	744341	1	744341	1	744341	1
625	O-RING 2-015				757112	1			757112	1	757112	1	757112	1	757112	1
626	O-RING 2-029 BUNA N70				757056	1			757056	1	757056	1	757056	1	757056	1
630	RING, RETAINING				758058	1			758058	1	758058	1	758058	1	758058	1
700	BODY, NOZZLE				121930	1			121930	1	122460	1	122272	1	122272	1
701	O-RING 2-238 BUNA N70				757036	1			757036	1	757036	1	757036	1	757036	1
702	BRACKET, LIGHT COWLING				121986	1			121941	1	121986	1			121986	1
702	PLATE, SPACER												121941	1		
703	SPRING, THROAT REPAIR				768231	3			768231	3	768231	3	768231	3	768231	3
704	O-RING 2-245 BUNA N70				757225	3			757225	3	757225	3	757225	3	757225	3
705	O-RING 2-239 N818 N70				757367	2			757367	2	757367	2	757367	2	757367	2
706	STEM, BAFFLE				121938	1			121938	1	121938	1	121938	1	121938	1
707	SHAPER, STREAM				121935	1			121935	1	121935	1	121935	1	121935	1
708	RING, RETAINING				756182	1			756182	1	756182	1	756182	1	756182	1
709	PISTON, WATER EXCLUSION				121931	1			121931	1	121931	1	121931	1	121931	1
710	SHIM, PLASTIC .003				768095	1			768095	1	768095	1	768095	1	768095	1
710	SHIM, PLASTIC .005				768096	1			768096	1	768096	1	768096	1	768096	1
710	SHIM, PLASTIC .015				768098	1			768098	1	768098	1	768098	1	768098	1
711	HEAD, BAFFLE	121990	121990	120665		1		121990		1	122464	1	122271	1	122271	1
712	SCREW, SOCKET HEAD CAP 1/2-13 x 2				767117	1			767117	1	767117	1	767117	1	767117	1
713	SCREW, SOCKET HEAD CAP 3/8-16 x 1-1/4				765154	4			765154	4	765154	6	765154	4	765154	4
714	INLET, DUAL FLOW NOZZLE				121934	1			121934	1	121934	1	121934	1	121934	1
716	SPACER, BUAFLE				769402	1										
800	DEFLECTOR				120681	2			120681	2	122465	2				
801	COVER, POP ON NUT				707401	6			707401	6	707401	6				
802	NUT, HEX 1/4-20				734061	6			734061	6	734061	6				
803	WASHER, SPLIT LOCK 1/4 ID				784106	6			784106	6	784106	6				
804	SCREW, FLAT HEAD 1/4-20 x 1-1/4				767146	6			767146	6	767146	6				
805	BLADE, LOWER				116826	1			116826	1	122461	1	109781	1	109781	1
806	BLADE, DRIVEN				121000	1			121000	1	122462	1	109782	1	109782	1
807	SCREW, SOCKET HEAD SHOULDER 5/16-18, 3/8 x 1/2				765181	6			765181	6	765181	6	765181	5	765181	5
807	SCREW, SOCKET HEAD SHOULDER 5/16-18, 3/8 x 1														765308	1
808	BEARING, NYLINER				704235	4			704235	4	704235	4	704235	4	704235	4
809	CAM, ADJUSTMENT				707539	1			707539	1	707539	1	707337	1	707337	1
810	SCREW, SOCKET HEAD CUP POINT SET 1/4-20 x 1/4				765002	1			765002	1	765002	1	765002	1	765002	1
811	COLLAR				116828	1			116828	1	122463	1	104326	1	104326	1
812	WELDMENT, TUBE & RING				121940	1			121940	1	122458	1	122273	1	122273	1
813	STUD, FOAM				769896	8			769896	8	769896	12	770314	8	770314	8
814	NUT, HEX #10-32				735081	8			735081	8	735081	12	735081	8	735081	8
815	WASHER, PRESSURE SEAL- ING #10				784165	8			784165	8	784165	12	784165	8	784165	8
816	NUT, LOW CROWN ACORN #10-32				735082	8			735082	8	735082	12	735082	8	735082	8
817	NUT, HEX 3/8-24				734096	1			734096	1	734096	1	734096	1	734096	1
818	ROD, INSERT 3/8-24				753047	2			753047	2	753047	2	753047	2	753047	2
819	ROD END, THREADED				121984	2			121984	2	121984	2	121984	2	121984	2
820	BLOCK, PIVOT				120654	1			120654	1	120654	1	120654	1	120654	1
821	SCREW, HEX SOCKET SHOULDER 1/4-20, 5/16 x 3/8				767131	1			767131	1	767131	1	767131	1	767131	1
822	SCREW, HEX SOCKET SHOULDER 3/8-16, 1/2 x 5/8				765258	1			765258	1	765258	1	765258	1	765258	1
823	ROD, PATTERN CONTROL				121939	1			121939	1	121939	1	121939	1	121939	1
824	SCREW, SOCKET HEAD CUP POINT SET 5/16-18 x 1/2				765268	4			765268	4	765268	4	765071	4	765071	4
826	WASHER, FLAT 1/4 ID				784094	6			784094	6	784094	6				
827	SCREW SHLDR SOC HD SS 3/8D X 1";5/16-18												765308	1		
828	SPACER 750 & 1000 G 18-8SS COMP												770335	1		
900	HOSE, BRAIDED 20" LONG (NOT SHOWN)														721260	1



STYLE 3356
TRIDENT HIGH FLOW MONITOR
DUAL GALLONAGE FOAM TUBE
TECHNICAL SERVICE PARTS LIST

901	WASHER																735106	3
902	HEX NUT																784214	3
826	WASHER, FLAT 1/4 ID					784094	6				784094	6				784094	6	
ITEM No.	DESCRIPTION	GALLONAGE																
		D-45351 WITH COWLING					D-46219 WITH OUT COWLING				D-45790 W/COWLING		D-45723 W/OUT COWLING		D-45530 W/COWLING			
		1.2k-6k GPM 4.5k-2.25k LPM	1.3k-6k GPM 5k-2.5k LPM	1.5k-7.5k GPM 6k-3k LPM	COMMON COMPONENTS	QTY	1.2k-6k GPM 4.5k-2.25k LPM	1.3k-6k GPM 5k-2.25k LPM	COMMON COMPONENTS	QTY	1k-2k GPM 7.6k-3.8k LPM	QTY	.75k-.375k GPM 3k-1.5k LPM	QTY	.75k-.375k GPM 3k-1.5k LPM	QTY		
827	SCREW SHLDR SOC HD SS 3/8D X 1";5/16-18																765308	1
828	SPACER 750 & 1000 G 18-8SS COMP																770335	1
900	HOSE, BRAIDED 20" LONG																721265	1
901	WASHER																735106	3
902	HEX NUT																784214	3



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

REVISED: 09/15

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; damage; 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.

© Akron Brass Company. 2014 All rights reserved. No portion of this can be reproduced without the express written consent of Akron Brass Company.