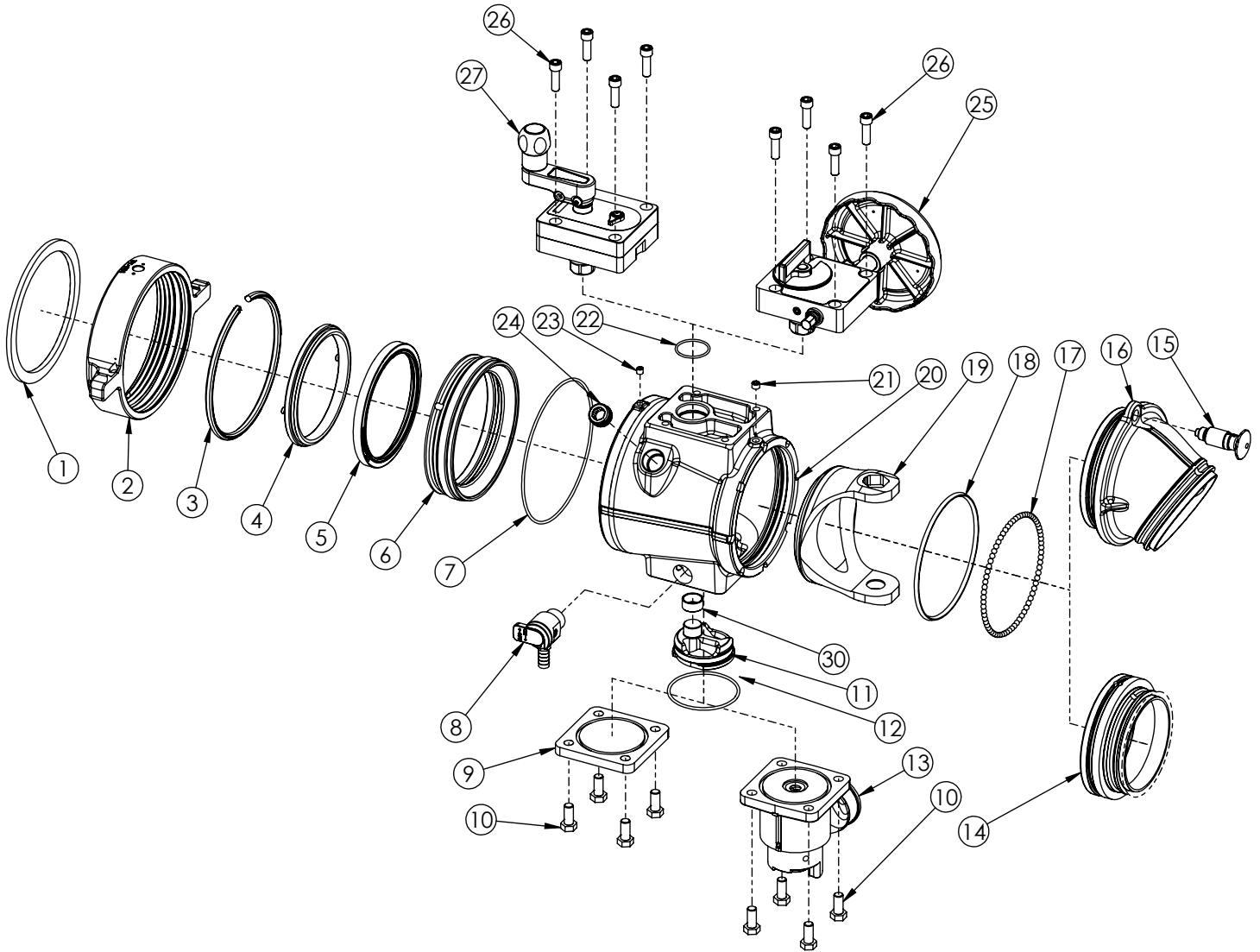


JUMBO BALL INTAKE VALVE - AP, AQ, AX, & AZ SERIES



LXA-017

PARTS LIST: JUMBO BALL INTAKE VALVE  
 MAINTENANCE AND SERVICE

SHEET: 1 of 9  
 REV: 0  
 DATE:



TASK FORCE TIPS, LLC.  
 3701 INNOVATION WAY  
 VALPARAISO, IN 46383 USA  
 (219)462-6161

**JUMBO BALL INTAKE VALVE - AP, AQ, AX, & AZ SERIES**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	V3240	GASKET - 6.0" HOSE COUPLING	1
2	A1266*	COUPLING SH 6.0"F X PSF7.0-NFS	1
3	A1290	PLASTIC STRIP 7.00"	1
4	A1080	6" SEAL RETAINER	1
5	A1082	VALVE SEAT 5.25" I.D.	1
6	A1084S	6" BACK RING	1
7	VO-262	O-RING 262	1
8	A1621	DRAIN VALVE SUBASSEMBLY	1
9	X631	LDH BLANK CAP	1
10	VT43-14HX1.0	7/16-14 X 1 HEX HEAD BOLT	8
11	A1087A	TRUNNION ALUMINUM	1
12	VO-236	O-RING 236	1
13	A1640	PRESSURE RELIEF VALVE SUBASSEMBLY	1
14	A1055	MATE	1
15	A1616	PULL PIN SUBASSEMBLY	1
16	A1054	ELBOW PM 5"	1
17	V2125	1/4" STAINLESS STEEL BALL	1
18	A1545	CUP SEAL	1
19	A1088A	HALF BALL 8" ALUM NO_DRAIN	1
20	A1086	JUMBO BALL INTAKE BODY	1
21	VT37-16SS312	3/8-16 X 5/16 SOCKET SET SCREW CUP POINT	1
22	VO-128	O-RING 128	1
23	VT31-18SS250	5/16-18 X 1/4 SOCKET SET SCREW CUP POINT	1
24	XG410	3/4"NPTM HEX SOCKET PLUG	1
25	A1630	GEARBOX SUBASSEMBLY	1
26	VT37-16SH1.2	3/8-16 X 1 1/4 SOCKET HEAD CAP SCREW	8
27	A1633	PARALLEL DRIVE GEARBOX SUBASSEMBLY	1
28	VT37-16BH1.5	3/8-16 X 1-1/2 BUTTON HEAD CAP SCREW	2
29	VT25-20BH500	1/4-20 X 1/2 BUTTON HEAD CAP SCREW	2
30	A2094	BUSHING HALF BALL TRUNNION	1

**\* - CONSULT FACTORY FOR SPECIAL THREADS**

ITEM NO. 20 (ADDITIONAL BODY OPTION)  
 A1085R RIGHT BODY

ITEM NO. 13 (ADDITIONAL PRESSURE RELIEF VALVE)  
 A1641R RIGHT PRESSURE RELIEF VALVE SUBASSY

ITEM NO. 14 (ADDITIONAL OPTION)  
 A4631\* SPOUT 5.0"NH X HSBGM60

LXA-017

PARTS LIST: JUMBO BALL INTAKE VALVE  
 MAINTENANCE AND SERVICE

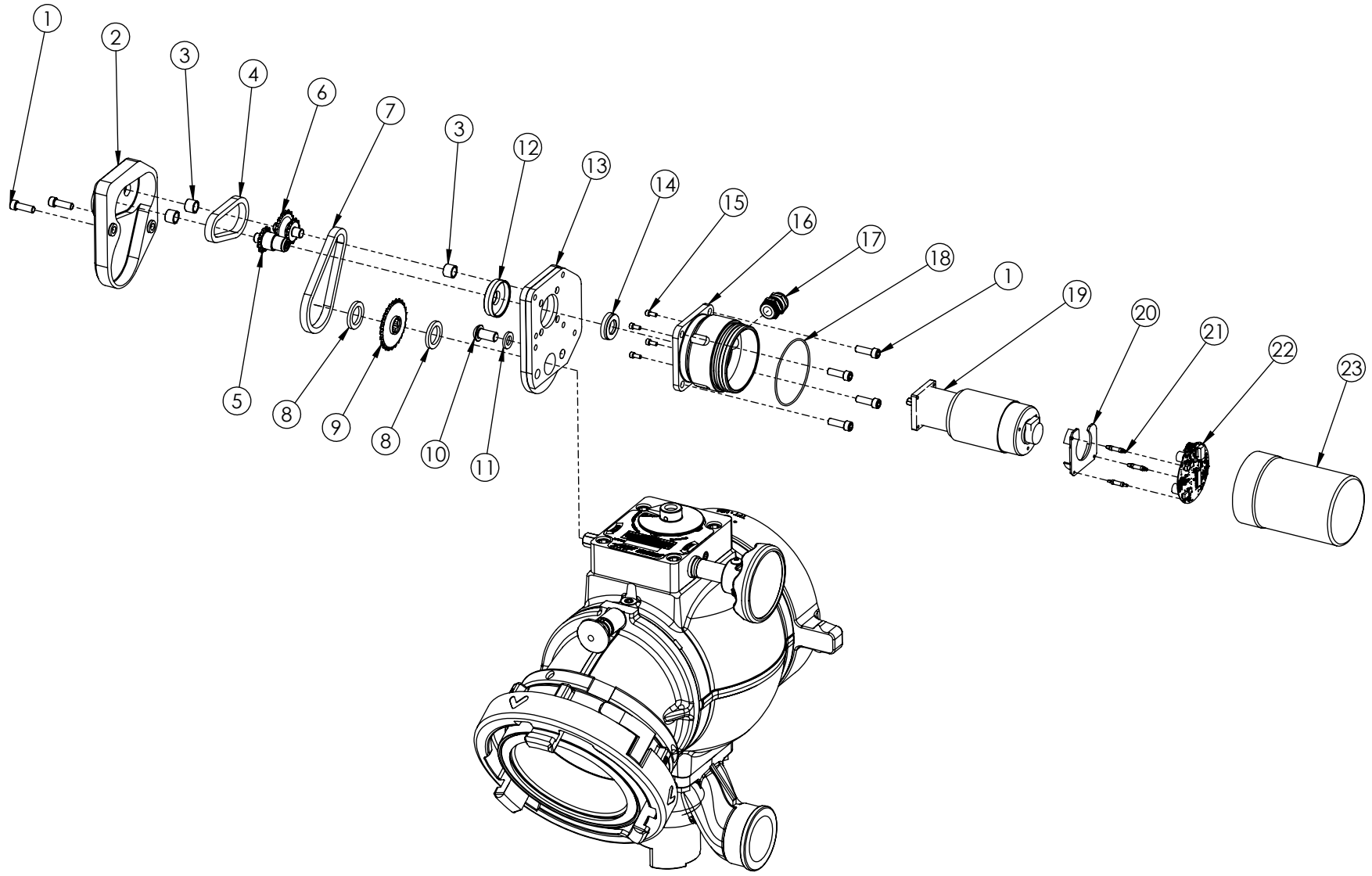
SHEET: 2 of 9  
 REV: 0  
 DATE:



TASK FORCE TIPS, LLC.  
 3701 INNOVATION WAY  
 VALPARAISO, IN 46383 USA  
 (219)462-6161

**JUMBO BALL INTAKE VALVE RC - MOTOR ASSEMBLY**

A  
B  
C  
D  
E  
F



LXA-017

PARTS LIST: JUMBO BALL INTAKE VALVE	
MAINTENANCE AND SERVICE	

SHEET: 3 of 9	REV: 0
DATE:	



TASK FORCE TIPS, LLC.  
3701 INNOVATION WAY  
VALPARAISO, IN 46383 USA  
(219)462-6161

**JUMBO BALL INTAKE VALVE RC - MOTOR ASSEMBLY**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	VT25-20SH750	1/4-20 X 3/4 SOCKET HEAD CAP SCREW	6
2	A1565	COVER	1
3	X252	BUSHING NYLON	3
4	A1569-28	28 LINK ROLLER CHAIN S.S.	1
5	A1566	12 T SPROCKET	1
6	A1567	DOUBLE SPROCKET 12/18 T	1
7	A1569-40	40 LINK ROLLER CHAIN S.S.	1
8	A1530	THIN WASHER	4
9	A1568	25 T SPROCKET	1
10	VT37-16BH-750	BUTTON HEAD CAP SCREW	1
11	VW375SSLOCK	LOCK WASHER 3/8" STAINLESS	1
12	X256	BUSHING MOTOR	1
13	A1564	REDUCER HOUSING	1
14	Y4620	CUP SEAL 1.0625 X .5625 X 1/4	1
15	VT06S32SH312	6-32 X 5/16 SHCS WITH SILICONE HEAD SEAL	4
16	Y4615	MOTOR SOCKET	1
17	Y5205	STRAIN RELIEF PG11	1
18	VO-038	O-RING 038	1
19	Y4600-KIT	GEAR MOTOR W/CRIMPED TERMINALS	1
20	Y4643	MOTOR BOARD SUPPORT	1
21	Y5538	CIRCUIT BOARD STANDOFF	3
22	A5825	BOARD - VALVE MOTOR CONTROL	1
23	Y4641	MOTOR ENCLOSURE	1

LXA-017

PARTS LIST: JUMBO BALL INTAKE VALVE  
MAINTENANCE AND SERVICE

SHEET: 4 of 9  
REV: 0  
DATE:



TASK FORCE TIPS, LLC.  
3701 INNOVATION WAY  
VALPARAISO, IN 46383 USA  
(219)462-6161

A

B

C

D

E

F

G

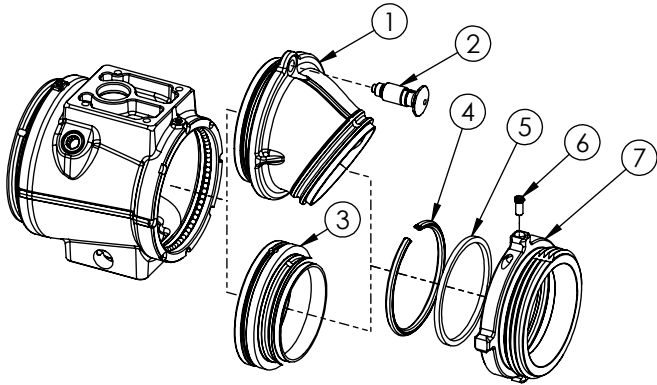
H

**AX/AZ SERIES - MALE HOSE THREADS**

ITEM NO.	DESCRIPTION	QTY.	4.0"	4.5"	5.0"	6.0"
1	ELBOW	1	A1054	A1054	A1054	A1091
2	PULL PIN ASSEMBLY	1	A1615	A1615	A1615	A1615
4	PLASTIC STRIP	1	A1291	A1291	A1291	A1293
5	CUP SEAL	1	A1596	A1596	A1596	A1594
6	LOCK-OUT SCREW	1	A1294	A1294	A1294	A1294
7	SPOUT	1	A4620N	A4625N	A4630N	A4640N

**AP/AQ SERIES - MALE HOSE THREADS**

ITEM NO.	DESCRIPTION	QTY.	4.0"	4.5"	5.0"	6.0"
3	MATE	1	A1055	A1055	A4631N	A4641N
4	PLASTIC STRIP	1	A1291	A1291	-	-
5	CUP SEAL	1	A1596	A1596	-	-
6	LOCK-OUT SCREW	1	A1294	A1294	-	-
7	SPOUT	1	A4620N	A4630N	-	-

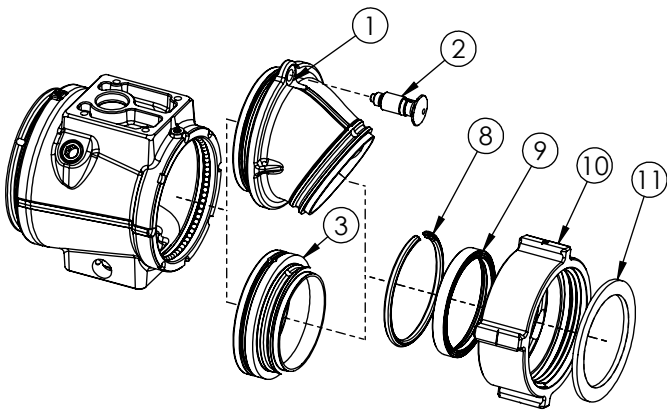


**AX/AZ SERIES - FEMALE HOSE THREADS ROCKER LUG**

ITEM NO.	DESCRIPTION	QTY.	3.5"	4.0"	4.5"	5.0"
1	ELBOW	1	A1054	A1054	A1054	A1054
2	PULL PIN ASSEMBLY	1	A1615	A1615	A1615	A1615
8	PLASTIC STRIP	1	A1291	A1291	A1291	A1291
9	CUP SEAL / O-RING	1	A1596	-	A4566	A1596
10	COUPLING	1	A4655N	A4662N	A4667N	A4670N
11	GASKET	1	V3196	V3198	V3210	V3220
-	NFS RING / O-RING	1	-	A1561/ VO-248	A4566/ VO-248	-
-	MATE	1	A4730	-	-	-
-	PLASTIC STRIP	1	A1292	-	-	-
-	CUP SEAL	1	A1597	-	-	-
-	BALL	1	VB.437	-	-	-

**AP/AQ SERIES - FEMALE HOSE THREADS ROCKER LUG**

ITEM NO.	DESCRIPTION	QTY.	3.5"	4.0"	4.5"	5.0"
3	MATE / SPOUT	1	A1055	A1055	A1055	A1055
8	PLASTIC STRIP	1	A1292	A1291	A1291	A1291
9	CUP SEAL	1	A1597	-	-	A1596
10	COUPLING	1	A4655N	A4662N	A4667N	A4670N
11	GASKET	1	V3196	V3198	V3210	V3220
-	NFS RING / O-RING	1	-	A4561/ VO-248	A4566/ VO-248	-
-	MATE	1	A4730	-	-	-
-	PLASTIC STRIP	1	A1291	-	-	-
-	CUP SEAL	1	A1596	-	-	-
-	BALL	1	VB.437	-	-	-



### AX/AZ SERIES - FEMALE HOSE THREADS LONG HANDLE

ITEM NO.	DESCRIPTION	QTY.	4.0"	4.5"	5.0"	6.0"
1	ELBOW	1	A1054	A1054	A1054	A1091
2	PULL PIN ASSEMBLY	1	A1615	A1615	A1615	A1615
12	PLASTIC STRIP	1	A1291	A1291	A1290	A1293
13	GASKET	1	V3198	V3210	V3220	V3240
14	COUPLING	1	A4562N	A4567N	A4570NT	A4575NX
-	NFS RING / O-RING	1	A4561/V O-248	A4566/V O-248	-	A4576/V O-254
-	MATE	1	-	-	-	-
-	PLASTIC STRIP	1	-	-	-	-
-	CUP SEAL	1	-	-	-	-

### AP/AQ SERIES - FEMALE HOSE THREADS LONG HANDLE

ITEM NO.	DESCRIPTION	QTY.	4.0"	4.5"	5.0"
3	MATE/SPOUT	1	A1055	A1055	A1055
12	PLASTIC STRIP	1	AA1291	A1291	A1290
13	GASKET	1	V3198	V3210	V3220
14	COUPLING	1	A4562N	A4567N	A4570NT
-	NFS RING / O-RING	1	A4561/ VO-248	A4566/ VO-248	-

### AX/AZ SERIES - STORZ

ITEM NO.	DESCRIPTION	QTY.	4.0"	4.5"	5.0"
1	ELBOW	1	A1054	A1054	A1091
2	PULL PIN ASSEMBLY	1	A1615	A1615	A1615
15	PLASTIC STRIP	1	A1292	A1291	A1293
16	CUP SEAL	1	A1597	A1596	A1594
17	LOCK-OUT SCREW	1	A1294	A1294	A1294
18	COUPLING	1	A4124	A4125	A4277
-	MATE	1	A4730	-	-
-	PLASTIC STRIP	1	A1291	-	-
-	CUP SEAL	1	A1596	-	-
-	BALL	1	VB.437	-	-

### AP/AQ SERIES - STORZ

ITEM NO.	DESCRIPTION	QTY.	4.0"	4.5"	5.0"
3	MATE	1	A1055	A1055	A1093
15	PLASTIC STRIP	1	A1292	A1291	A1293
16	CUP SEAL	1	A1597	A1596	A1594
17	LOCK-OUT SCREW	1	A1294	A1294	-
18	COUPLING	1	A4124	A4125	A4277
-	MATE	1	A4730	-	-
-	PLASTIC STRIP	1	A1291	-	-
-	CUP SEAL	1	A1596	-	-
-	BALL	1	VB.437	-	VB.437

LXA-017

PARTS LIST: JUMBO BALL INTAKE VALVE  
MAINTENANCE AND SERVICE

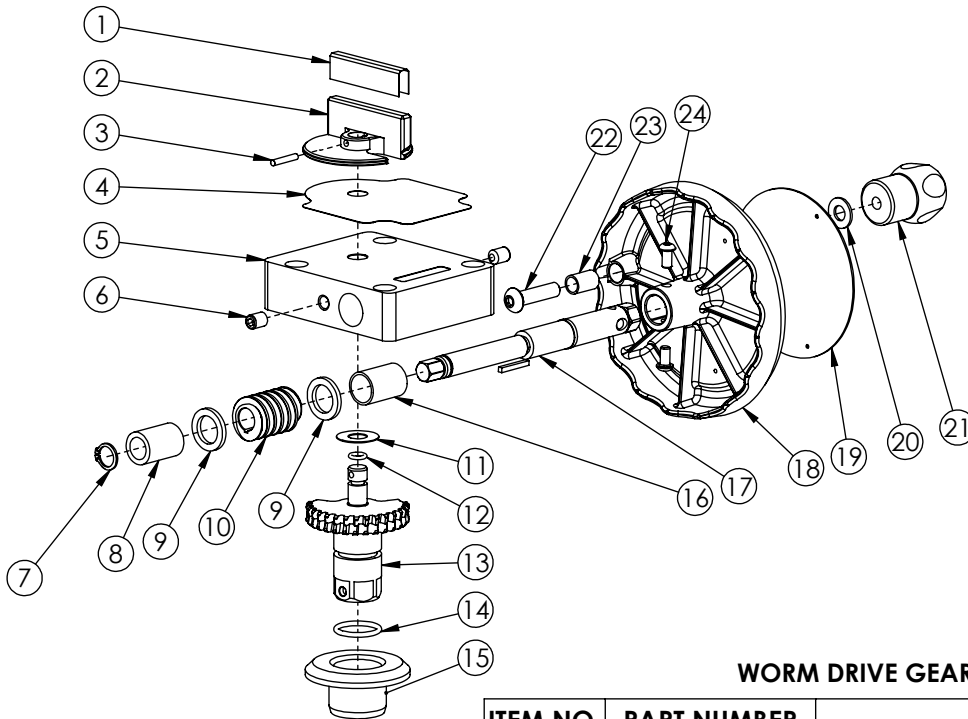
SHEET:  
6 of 9

REV:0

DATE:



TASK FORCE TIPS, LLC.  
3701 INNOVATION WAY  
VALPARAISO, IN 46383 USA  
(219)462-6161

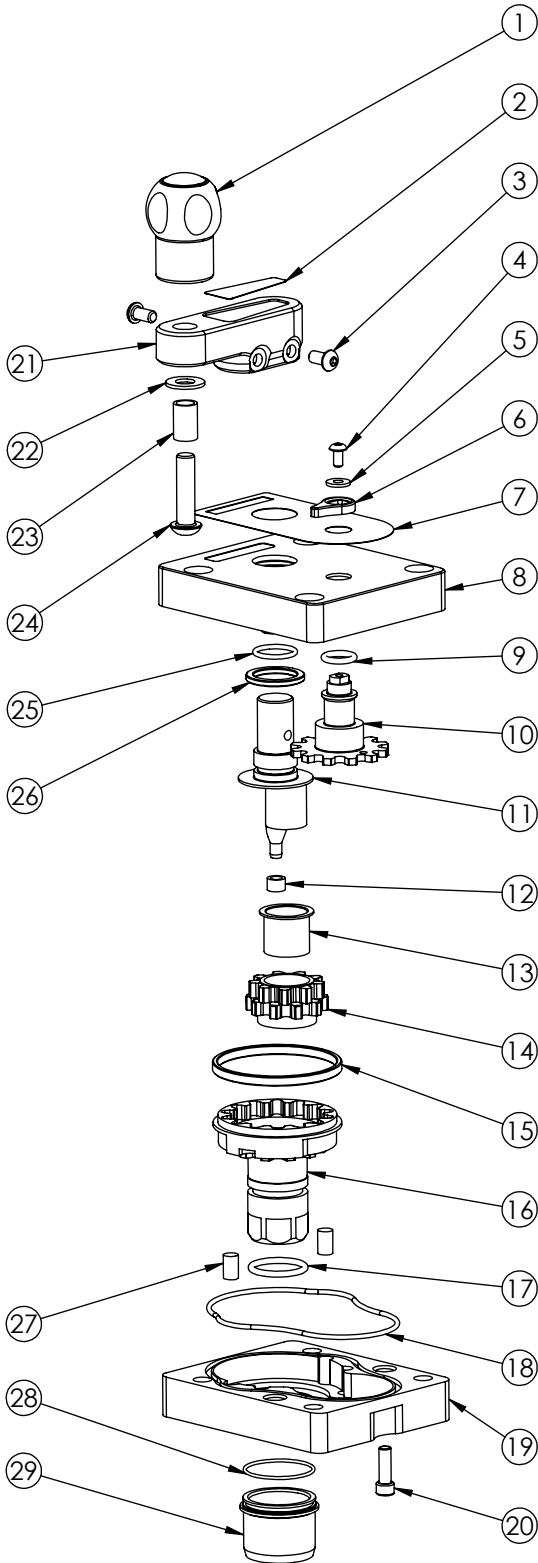


**WORM DRIVE GEARBOX SUBASSEMBLY**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A1524	POSITION INDICATOR LABEL	1
2	A1523	POSITION INDICATOR WITH FLAG	1
3	V1900	SPIROL PIN	1
4	A1301	LABEL BALL INTAKE GEARBOX	1
5	A1506	GEARBOX	1
6	VT37-16SS500	SOCKET SET SCREW	2
7	VR4275	RETAINING RING 15MM EXTERNAL	1
8	A1525	SMALL BUSHING	1
9	A1530	THIN WASHER	2
10	X220	12 DP WORM	1
11	A1502	GEAR THRUST WASHER	1
12	VO-109	O-RING-109 5/16 ID 3/32 C/S	1
13	A1501	INTEGRAL WORM GEAR & TRUNNION	1
14	VO-214	O-RING 214	1
15	A1511	GEAR SPACER	1
16	A1526	SMALL BUSHING	1
17	A1510	CRANK SHAFT	1
18	X281	HANDWHEEL	1
19	A1306	HANDWHEEL LABEL	1
20	VW812X406-65	WASHER	1
21	A1512	KNOB	1
22	VT37-16BH1.5	3/8-16 X 1-1/2 BUTTON HEAD CAP SCREW	1
23	A1513	CRANK BUSHING	1
24	VT25-20BH500	1/4-20 X 1/2 BUTTON HEAD CAP SCREW	2



**PARALLEL DRIVE GEARBOX SUBASSEMBLY**



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A1512	KNOB	1
2	AY342*	FOLDING HANDLE LABEL	1
3	VT25-20BH500	1/4-20 X 1/2 BUTTON HEAD CAP SCREW	2
4	VT10-32BH375	10-32 X 3/8 BUTTON HEAD SCREW	1
5	VW500X203-60	WASHER	1
6	A1558	POSITION INDICATOR	1
7	A1550L	BIV NAME LABEL	1
8	A1550	GEARBOX	1
9	VO-206	O-RING 206	1
10	A1557	INDICATOR GEAR	1
11	A1555	DRIVE SHAFT	1
12	AY307	NYLON BUSHING	1
13	A1548	GEAR BUSHING	1
14	A1554	DOUBLE GEAR	1
15	A1549	BUSHING	1
16	A1553	INNER TRUNNION	1
17	VO-214	O-RING 214	1
18	VO-154	O-RING-154	1
19	A1551	SUBPLATE	1
20	VT25-20SH750	1/4-20 X 3/4 SOCKET HEAD SCAP SCREW	1
21	A1559	CRANK BUSHING	1
22	VW812X406-65	WASHER	1
23	A1547	CRANK BUSHING	1
24	VT37-16BH1.5	3/8-16 X 1-1/2 BUTTON HEAD CAP SCREW	1
25	VO-116	O-RING 116	1
26	A1556	ACETAL WASHER	1
27	VP312X50	DOWEL PIN 3/8" DIA X 1/2"	2
28	VO-028	O-RING 028	1
29	A1552	INNER BUSHING	1

LXA-017

PARTS LIST: JUMBO BALL INTAKE VALVE  
 MAINTENANCE AND SERVICE

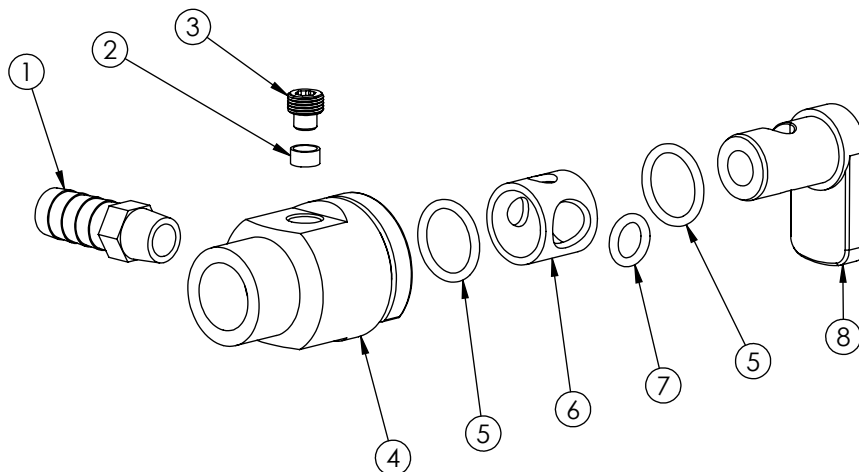
SHEET: 8 of 9  
 REV: 0  
 DATE:



TASK FORCE TIPS, LLC.  
 3701 INNOVATION WAY  
 VALPARAISO, IN 46383 USA  
 (219)462-6161



**AIR VENT/DRAIN**



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	XX329	1/2" BARB X 1/4"NPTM NIPPLE	1
2	U251	FOLLOWER	1
3	H515	3/8-24 X 3/8 DOG POINT	1
4	A1543	DRAIN HOUSING	1
5	VO-115	O-RING 115	2
6	A1541	DRAIN SLEEVE	1
7	VO-110	O-RING 110	1
8	A1542	DRAIN LEVER	1

