

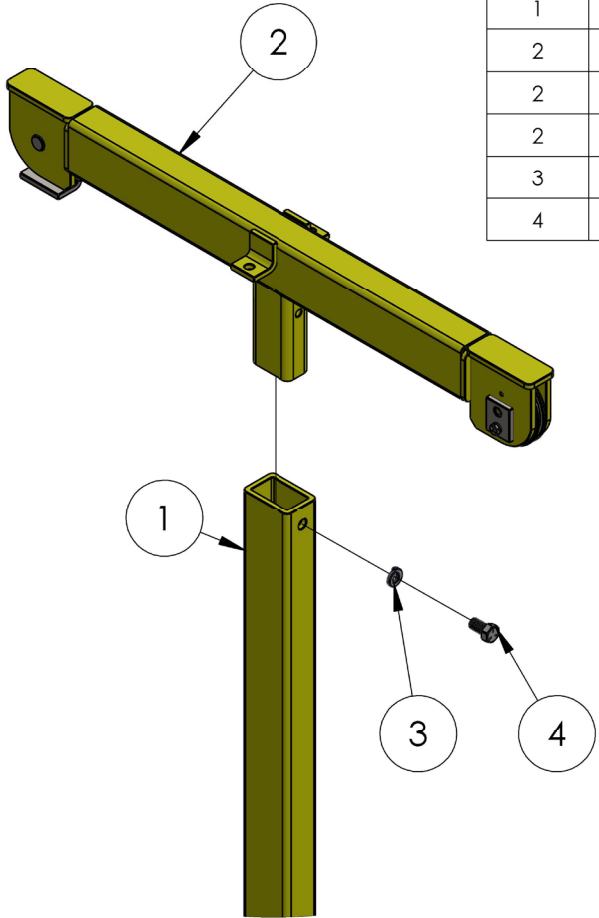
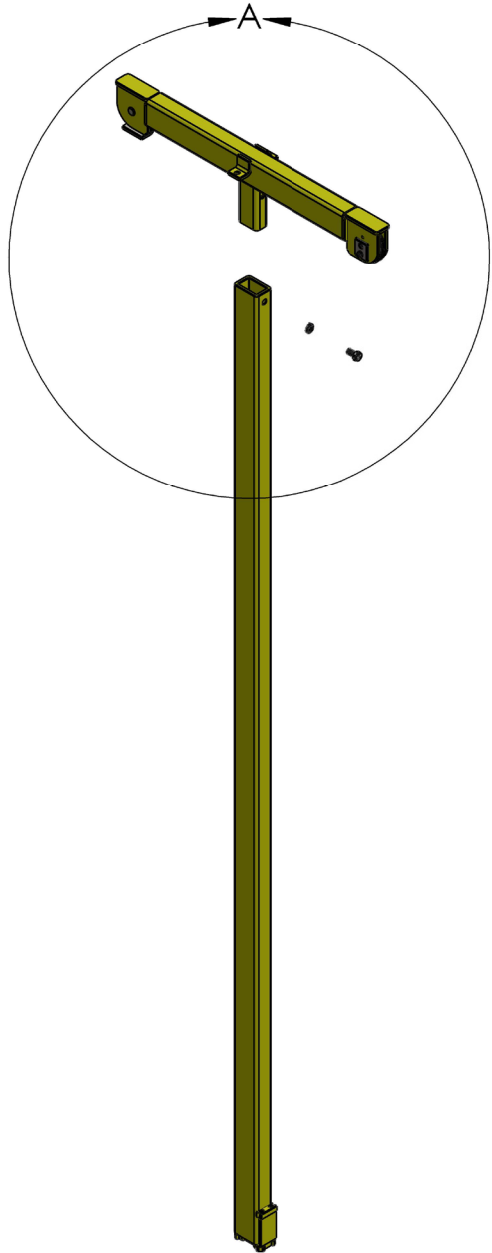
ROUST-A-BOUT™ HOIST LIFT ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	780016	BASE WELDMENT, Z & R-100	1
1	780017	BASE WELDMENT, Z & R-150	1
1	780018	BASE WELDMENT, Z & R-180/200	1
1	780019	BASE WELDMENT, Z & R-250	1
2	780448	BOTTOM MAST ASSM, R-100/150	1
2	780291	BOTTOM MAST ASSM, R-180/250	1
3	780450	CENTER MAST ASSM, R-100/150	1
3	780342	CENTER MAST ASSM, R-250	1
4	780048	TOP MAST ASSY Z & R-100/150	1
4	780466	TOP MAST ASSY Z & R-180	1
4	780050	TOP MAST ASSY Z & R-250	1
5	779001	CASTER SC-23-8 X 2 RT	4
6	780175	R-SERIES/Z-SERIES CS 2000 Winch Assembly	1
7	780121	EQUALIZING LINE R-100/150	1
7	780123	EQUALIZING LINE R-250	1
8	780124	MAST ELEVATION LINE R-100/150	1
8	780122	MAST ELEVATION LINE R-180	1
8	780125	MAST ELEVATION LINE R-250	1
9	780051	LOAD LINE 55FT. (RAB)	1
10	780052	COUNTERWEIGHT, RAB-511	1
11	782510	PLUNGER	1
12	776212	SPRING, #C0480-042-1250-M	1
13	775110	SPLIT RING 1-1/4" NICKEL PLATED	1
14	771460	SCREW, SHSS 3/8-16 X 3/8 CUP PT	4
15	771107	SCREW, HHC 3/8-16 X 1	4
16	772355	NUT, INSERT LOCK 3/8-16	4
17	773040	WASHER, FLAT 3/8	2

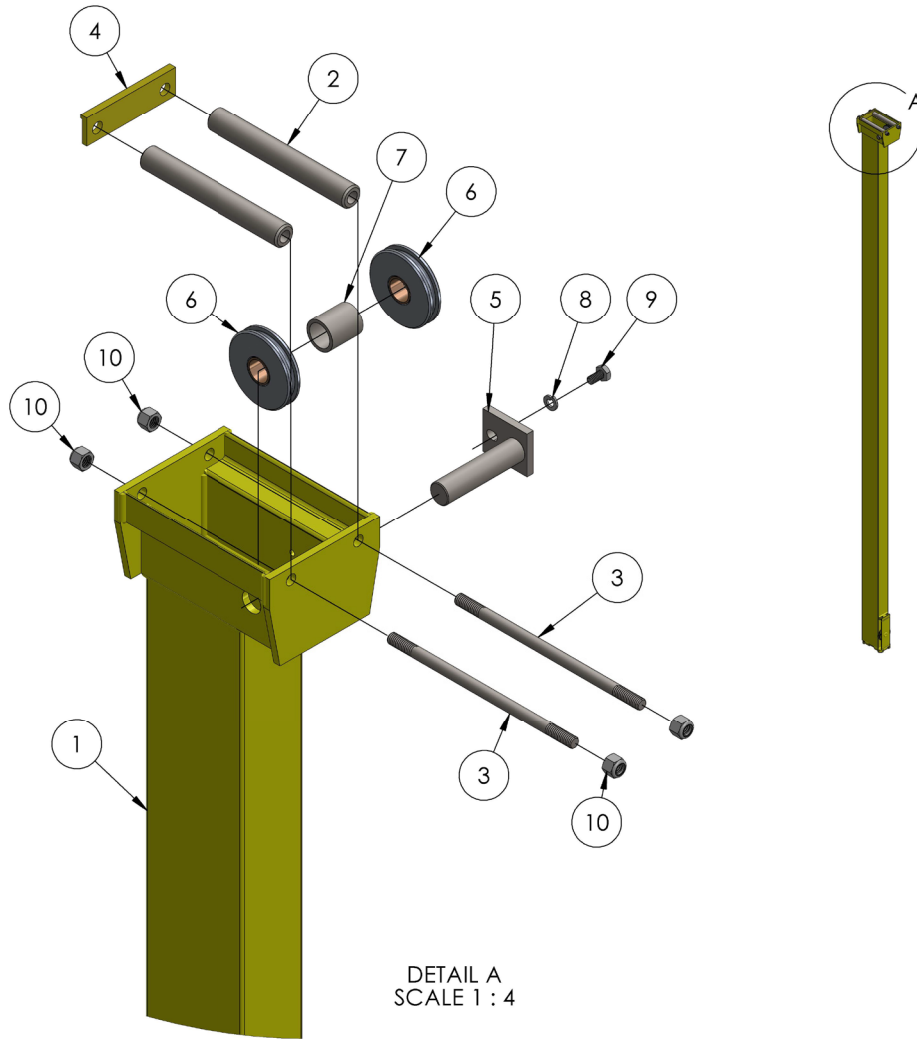
TOP MAST ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	780005	TOP MAST WELDMENT - Z&R 100/150	1
1	780006	TOP MAST WELDMENT, R-180	1
1	780007	TOP MAST WELDMENT - Z & R-250	1
1	779987	TOP MAST WELDMENT Z&R-250 GALV	1
1	779986	TOP MAST WLDMT Z&R-100/150 GALV	1
2	780465	TEE HEAD ASSEMBLY Z&R-100/150	1
2	780464	TEE HEAD ASSEMBLY, Z & R-180	1
2	780463	TEE HEAD ASSEMBLY, R-250	1
3	773590	WASHER, LOCK 1/2	1
4	771125	SCREW, HHC 1/2-13 X 1	1



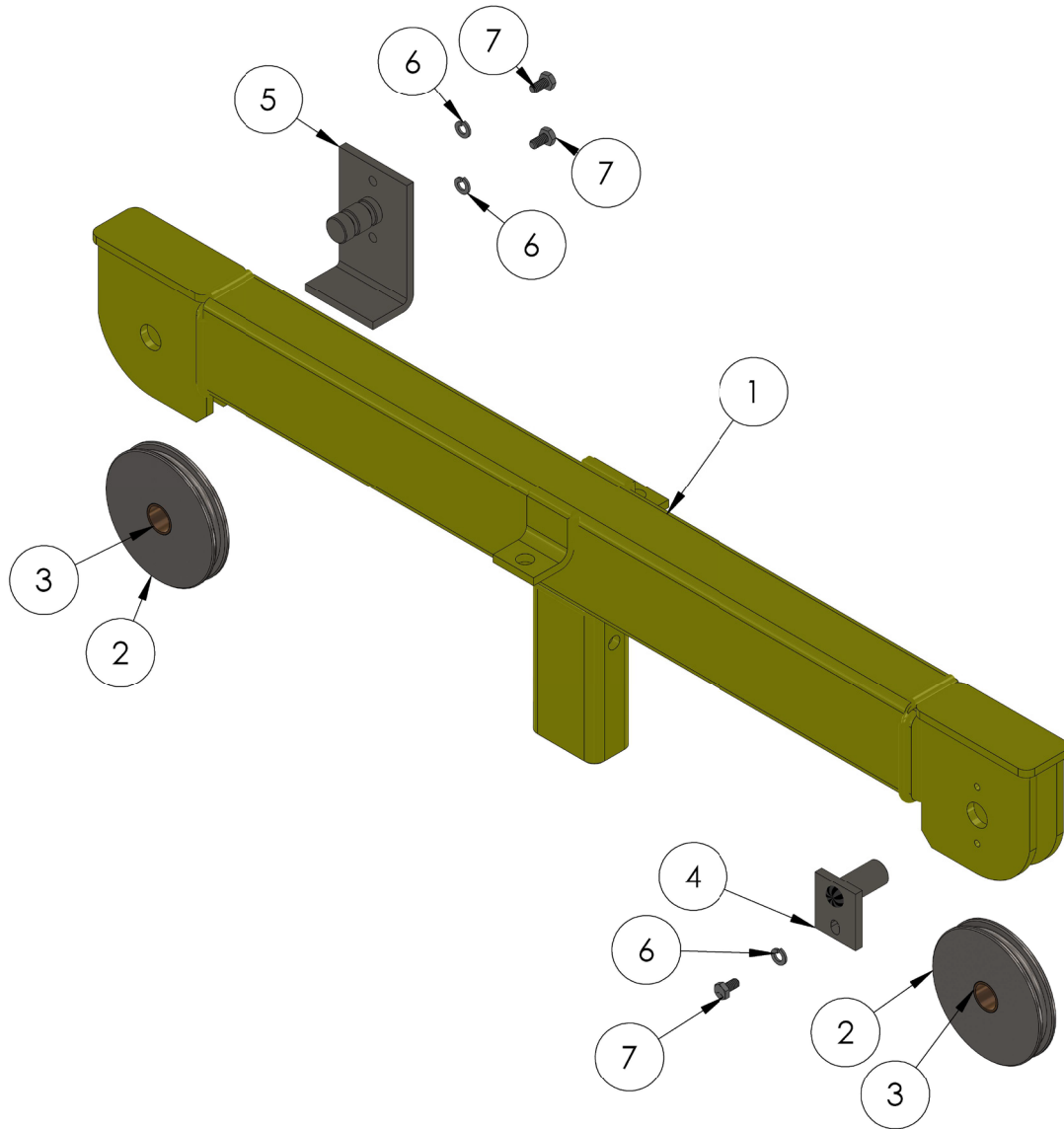
DETAIL A
SCALE 1 : 10

CENTER MAST ASSEMBLY



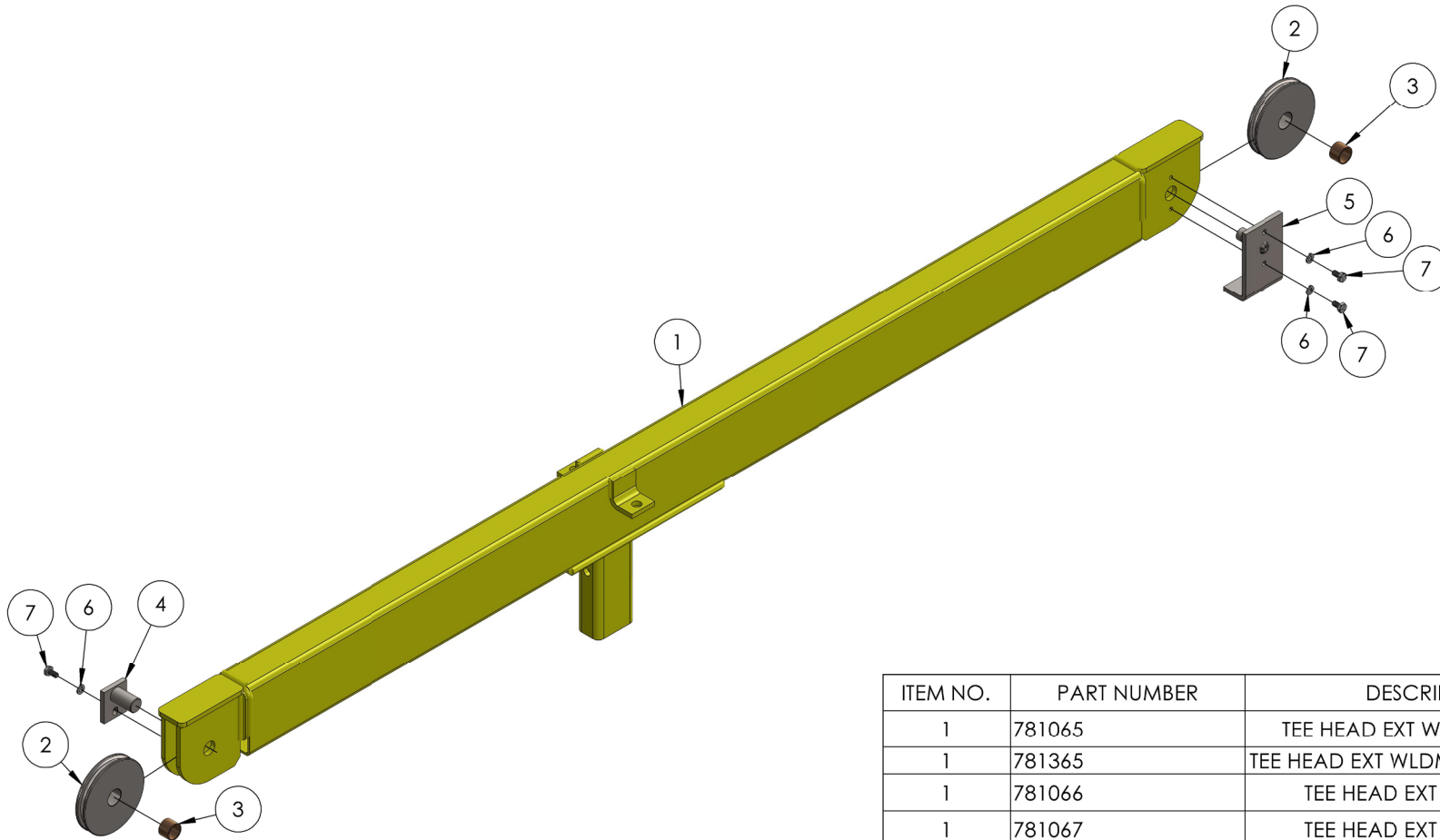
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	780449	CENTER MAST WELDMENT R-100/150	1
1	780341	CENTER MAST WELDMENT, R-250	1
1	780327	CENTER MAST WLDMNT R-250 GALV	1
1	780329	CENTER MAST WLD R-100/150 GALV	1
2	780349	ROLLER, CENTER MAST, R-100/150	2
3	780334	ROLLER SHAFT, CM R-100/150	2
4	780035	WEAR PLATE, CM RAB-304	1
5	780036	SHAFT, EQUALIZING RAB	1
6	780299	EQUALIZING PULLEY ASSEMBLY	2
7	780343	SEPARATOR, CM R-100/150	1
8	773550	1/4" LOCK WASHER	1
9	771020	HHCS 1/4-20 X 1/2 "	1
10	772355	NUT, INSERT LOCK 3/8-16	4

TEE HEAD ASSEMBLY



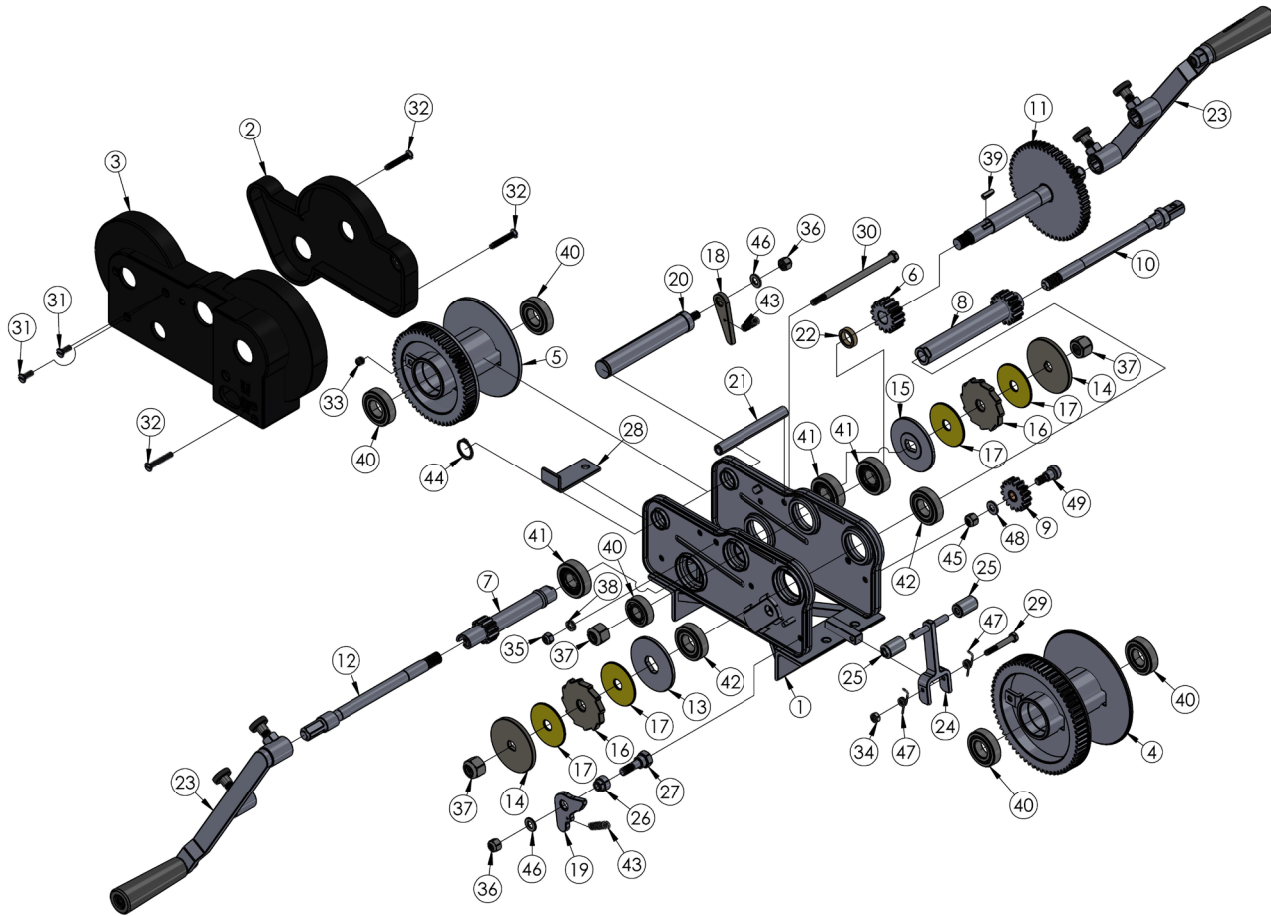
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	780133	TEE HD WLDMT Z & R-100/150	1
1	780135	TEE HD WLDMT Z & R-100/150 GALV	1
1	780156	TEE HD WLDMT Z & R-180	1
1	780142	TEE HD WELDMENT Z-250 & R 250	1
1	780143	TEE HD WELDMENT Z-250 GALV	1
2	780046	4" SHEAVE	2
3	775060	BUSHING, BRONZE 0.75 X 0.875 X 0.625	2
4	780047	SHAFT STAY WELDMENT	1
5	780192	SHEAR PIN WELDMENT	1
6	773550	1/4" LOCK WASHER	3
7	771020	HHCS 1/4-20 X 1/2 "	3

TEE HEAD EXTENSION ASSEMBLY



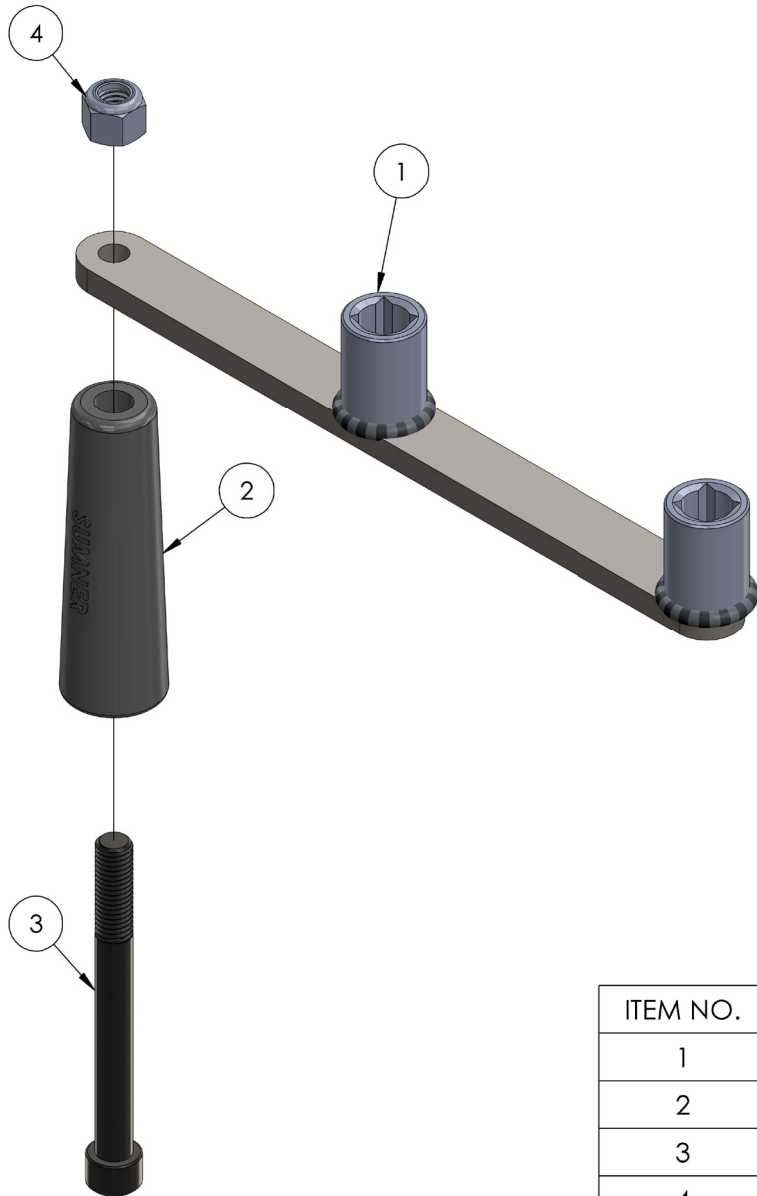
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	781065	TEE HEAD EXT WLDMT 100/150	1
1	781365	TEE HEAD EXT WLDMT 100/150 GALV	1
1	781066	TEE HEAD EXT WLDMT 180	1
1	781067	TEE HEAD EXT WLDMT 250	1
1	781367	TEE HEAD EXT WLDMT 250 GALV	1
2	780046	4" SHEAVE	2
3	775060	BUSHING, BRONZE 0.75 X 0.875 X 0.625	2
4	780047	SHAFT STAY WELDMENT	1
5	781063	SHEAR PIN WELDMENT	1
6	773550	1/4" LOCK WASHER	3
7	771020	HHCS 1/4-20 X 1/2"	3

CS2000 WINCH ASSEMBLY



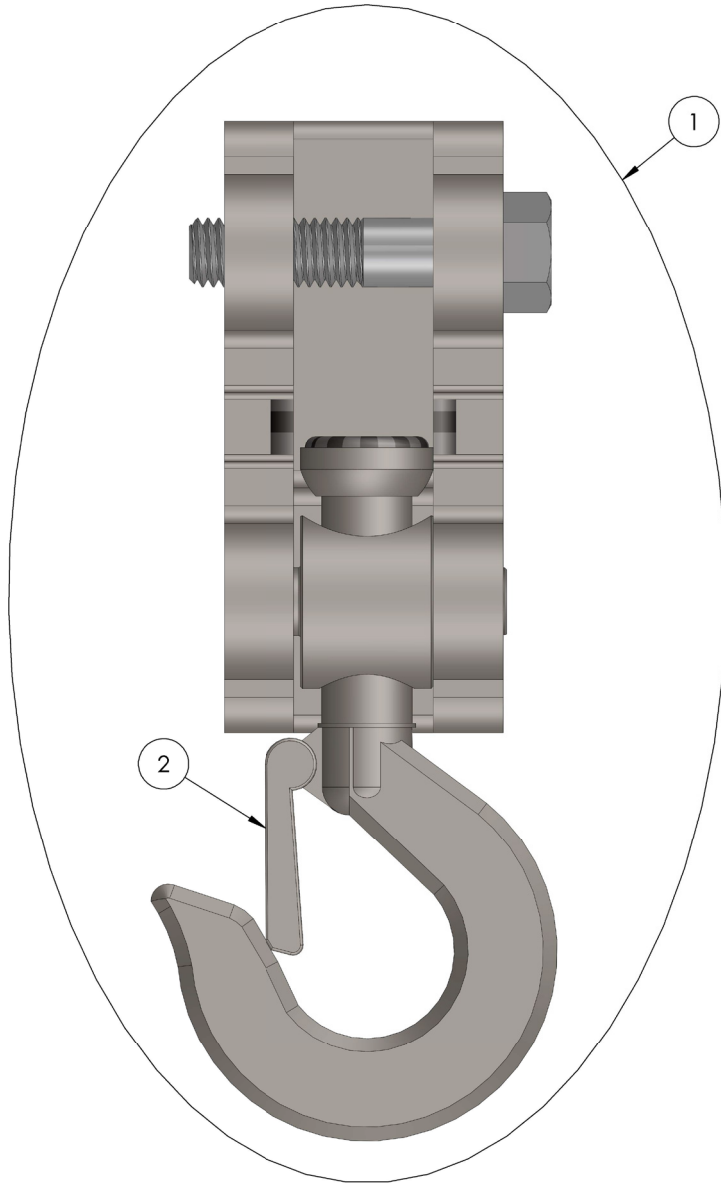
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	780601	WINCH HOUSING ASSY CS-1	1
2	780602	GEAR COVER, SMALL CS-21	1
3	780603	GEAR COVER, LARGE CS-22	1
4	780202	LOAD DRUM FINAL WLDMNT/ ASSY	1
5	780203	HOIST DRUM WLDMNT/ ASSY	1
6	780204	LOAD DRUM PINION WJ-5	1
7	780205	SHAFT, HOIST DRUM PINION WJ-7	1
8	780206	LOW SPEED PINION WJ-9	1
9	780207	IDLER GEAR ASSEMBLY	1
10	785393	LOW SPEED DRIVE SHAFT, 2-SPEED WINCH	1
11	780209	HI-SPD DRIVE SHAFT ASSY WJ-12	1
12	780210	HOIST DRIVE SHAFT WJ-13	1
13	780213	LOAD ID BRAKE DISC WJ-16	1
14	780212	PLATE, OUTER BRAKE DISC, NL WINCH	2
15	780211	FLATE, INNER BRAKE DISC WJ-14	1
16	780214	BRAKE RATCHET WJ-15	2
17	780215	BRONZE BRAKE DISC WJ-18	4
18	780216	HOIST RATCHET DOG WJ-19	1
19	780217	LOAD RATCHET DOG WJ-20	1
20	780220	HOIST DRUM SHAFT CS-23	1
21	780221	SPREADER BAR WJ-24	1
22	780225	LOAD DRUM PINION SPACER WJ-28	1
23	785398	WINCH HANDLE ASSEMBLY, 2 SPEED CB LIFT	2
24	780248	SUREEL LEVER ASSY WJ-52	1
25	780249	SUREEL ROLLERS WJ-53	2
26	780251	RATCHET DOG SPACER WJ-55	1
27	780612	RATCHET STUD CS-49	1
28	780174	ANGLE ROPE GUARD RAB-518	1
29	771035	SCREW, HHC 1/4-20 X 2	1
30	771051	SCREW, HHC 5/16-18 X 6 GRD-2	1
31	771284	SCREW, FHM 1/4-20 X 3/4	3
32	771286	SCREW, FHM 1/4-20 X 1-3/4	3
33	771460	SCREW, SHSS 3/8-16 X 3/8 CUP PT	2
34	772050	NUT, HEX 1/4-20	1
35	772502	NUT, INSERT JAM 5/16-18	1
36	772355	NUT, INSERT LOCK 3/8-16	2
37	772375	NUT, INSERT JAM 5/8-16	3
38	773560	WASHER, LOCK 5/16	1
39	774075	KEY #606 3/16" X 3/4"	1
40	775200	BEARING, BALL 3/4" 22612-77	1
41	775210	BEARING, BALL 7/8" 23214-77	3
42	775220	BEARING, BALL 1" 23216-77	2
43	775230	SPRING, WJ-29 RAT.DOG	2
44	776083	RETAINER RING, EXT.IRR3100-98	1
45	772350	NUT, INSERT JAM 3/8 - 16	1
46	773631	WASHER, FLAT 3/8"	2
47	775240	WJ-50 SPRING, SUREEL	2
48	773042	WASHER, FLAT, 5/1616-77	1
49	780496	SHOULDER SCREW MODIFIED CS-51	1

CS2000 WINCH HANDLE ASSEMBLY



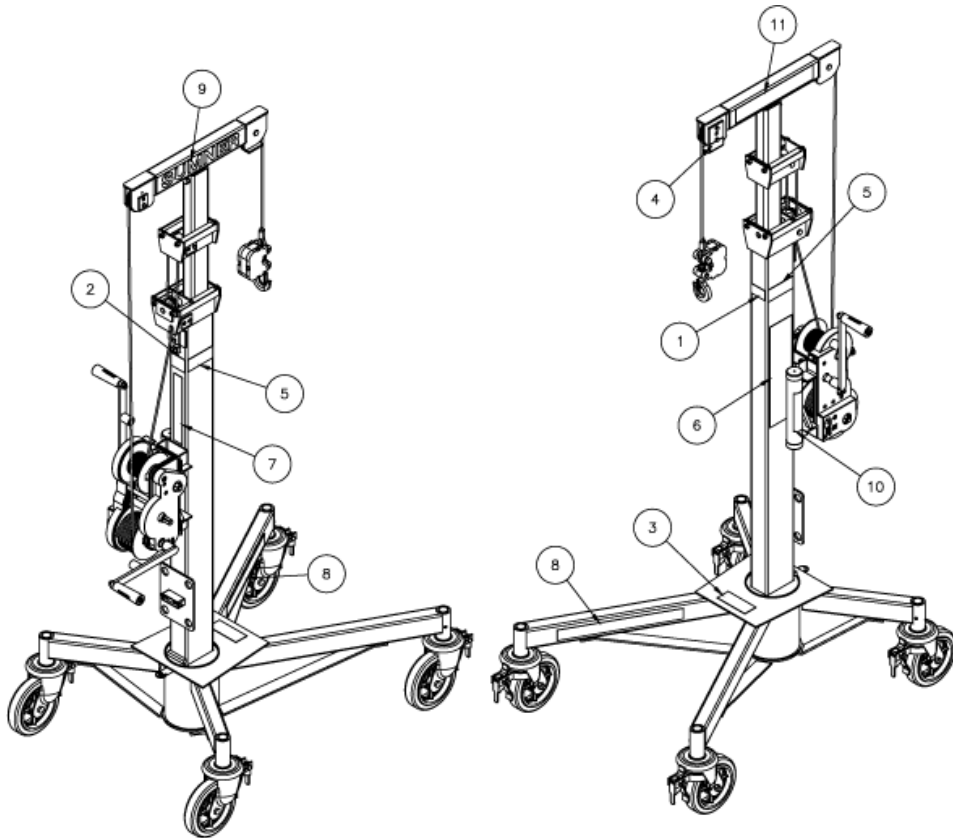
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	780224	WINCH HANDLE WELDMENT	1
2	780182	WINCH HANDLE SLEEVE	1
3	771254	SCREW, SHC 1/2 -13 X 5"LN	1
4	772358	NUT, INSERT JAM 1/2 -13	1

COUNTERWEIGHT ASSEMBLY



ITEM	PART NUMBER	DESCRIPTION	QTY
1	780052	COUNTERWEIGHT, RAB-511	1
2	779401	LATCH KIT FOR 404-HOOK	1

LABEL INSTALL ASSEMBLY



Item	Part No.	Description	Qty
1	778391	LABEL, CAUTION DO NOT WELD	1
2	778392	LABEL, CAUTION MAST STOP	1
3	778393	LABEL, BASE LOCK	1
4	778394	LABEL, SHEAR PIN	2
5	778395	LABEL, MODEL NUMBER R-100/R-150	2
5	778396	LABEL, MODEL NUMBER R-180	2
5	778397	LABEL, MODEL NUMBER R-250	2
6	778398	LABEL, WARNING INSTRUCTIONS	1
7		778399 - LABEL, SERIAL NUMBER / CE	1
8	778850	LABEL-DO NT STND UDR LOAD	2
9	778904	LABEL SUMNER (RAB)	1
10	778906	LABEL, OP MANUAL - LIFT, READ B4	1
11	778933	LABEL, ROUST-A-BOUT 2-1/4 X 14"	1