



MODEL E37SG CENTER PIVOT

HYDRAULIC TRACK STUMP GRINDER

EXPLODED VIEWS WITH PART NUMBERS

CONGRATULATIONS!

You are now the proud owner of a BARRETO stump grinder. The following pages have detailed views of your stump grinder, along with corresponding part numbers. If you have any questions or need any replacement parts in the future, please contact us at your convenience. Our toll-free phone number, fax and email are listed below and parts may be ordered through any of these methods.

Thank you for your patronage and confidence in BARRETO equipment.

Barreto Manufacturing, Inc.
Innovative Equipment Engineered to Last
66498 Highway 203
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1-800-525-7348
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Web Site: <http://www.barretomfg.com>

U.S. Patent No. 10,260,567

Machine Identification Record

BARRETO Customer number _____

Machine model number _____

Machine serial number _____

Engine manufacturer _____

Engine model number _____

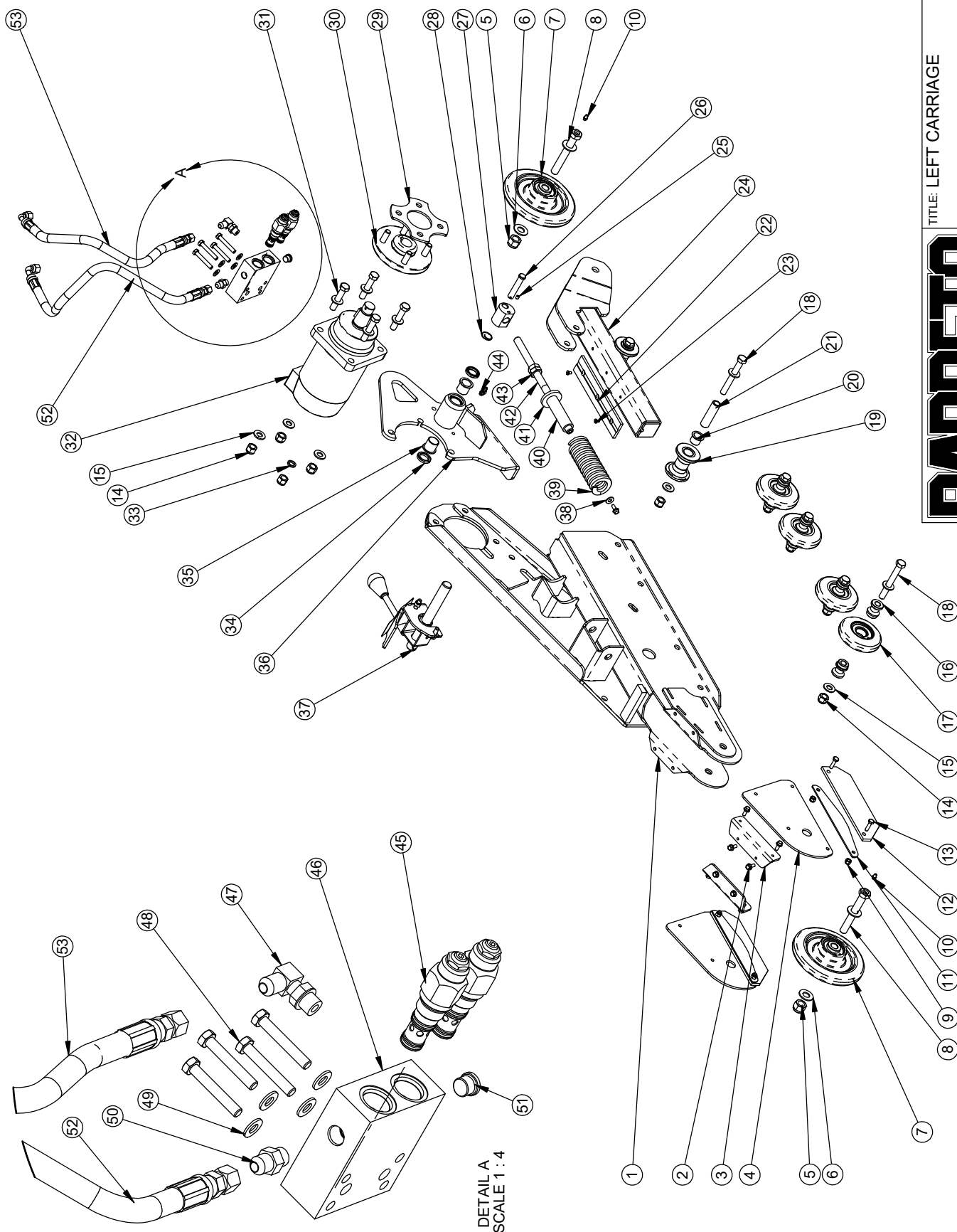
Engine serial number _____

TITLE: LEFT CARRIAGE

PRODUCT LINE: 37SG DATE: 02-2014

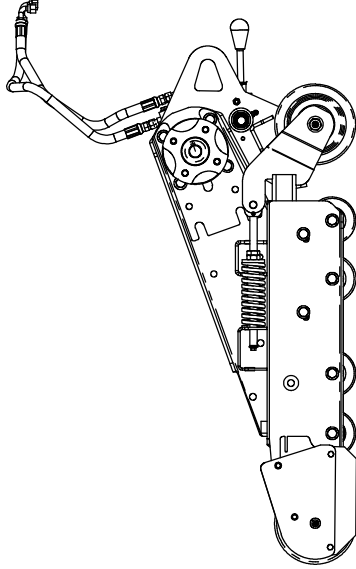
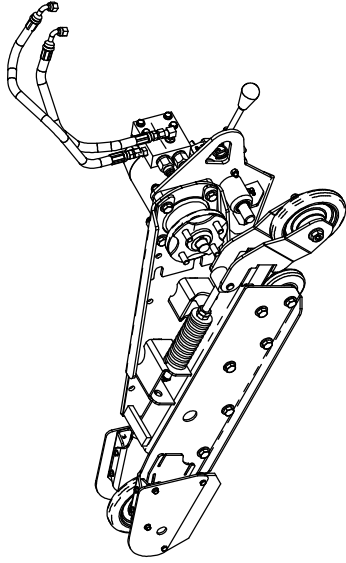
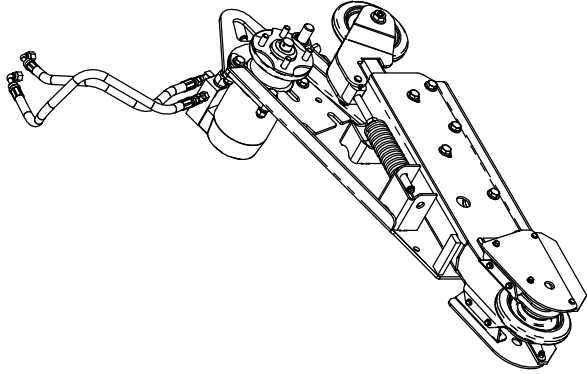
SCALE: 1:12 DWG# 00333-SG2
SHEET 1 OF 2

BARRETO



ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	1 10849-L R1	LEFT CARRIAGE
2	9	05069	WHIZ LOCK, 1/4-20 NC X 5/8 ZINC
3	2	11251	ROLLER GUARD MOUNT
4	2	11247	ROLLER GUARD
5	2	05099	NUT, NYLOCK, 5/8-11 NC ZINC
6	4	05272	WASHER, 5/8 SAE ZINC HARDENED
7	2	00335	IDLER ASSEMBLY
8	2	11490	ROLLER AXLE, 5/8 X 4-1/2"
9	4	05096	NUT, NYLOCK, 1/4-20 NC ZINC
10	2	05044	GREASE ZERK, 1/4-28 UNF
11	2	11474	FLAP BACKING
12	2	11475	FLAP
13	4	05237	HH CAP SCREW, 1/4-20 NC X 1 G5 ZINC
14	10	05098	NUT, NYLOCK, 1/2-13 NC ZINC
15	19	05102	WASHER, 1/2 SAE ZINC HARDENED
16	8	11144	ROLLER SPACER
17	4	00366	MID ROLLER ASSY
18	6	05590	HH CAP SCREW, 1/2-13 NC X 4 G5 ZINC
19	2	10907	ARM ROLLER
20	4	10272	BUSHING, IGUS MFI-1214-12
21	2	10908	SPACER
22	1	10910	ARM SLIDER
23	2	05084	HEX SOCKET FH CAP SCREW, #10-24 X 3/8
24	1	10876	IDLER ARM
25	1	05021	SET SCREW, 1/4-20 UNC X 5/16, CUP POINT
26	1	05250	CLEVIS PIN, 1/2 X 2-1/2 ZINC
27	1	11156	TENSIONER END
28	1	05039-7	CIRCLE COTTER, CC-7
29	1	12354	SPROCKET SHIM
30	1	10827	WHEEL HUB, 1-1/4" TAPERED, SOLID
31	4	11447	HH CAP SCREW, 1/2-13 NC X 2-1/2 G5 ZN
32	1	04029	MOTOR, PARKER TF 0240WE080
33	1	03290	SPACER WASHER, .532 X .750 X .125
34	2	11711	ROD WIPER, .875 X 1.25 X .188
35	2	11680	BUSHING, IGUS LFI-1416-16
36	1	11462-L	WEIGHT MOUNT, E-BRAKE
37	1	00458-SG	PARK BRAKE ASSEMBLY
38	1	05078	WASHER, 1/4 USS ZINC
39	1	11674	SPRING, CENTURY D-1378
40	1	11470	SPRING GUIDE
41	1	11157	WASHER, TENSION SPRING
42	1	11170	TENSIONER STUD
43	2	10707	NUT, JAM, 5/8-11 NC ZINC
44	1	05307	GREASE ZERK, 1/4-28 UNF 90°
45	2	04405	C-BALANCE CARTRIDGE, CB10-HV
46	1	12329	C-BALANCE MANIFOLD, SDC10-3S
47	1	04538	FITTING, 6801-6-6

ITEM NO.	QTY.	PART NO.	DESCRIPTION
48	4	05566	HH CAP SCREW, 5/16-18 NC X 2 G5 ZINC
49	4	05068	WASHER, 5/16 SAE ZINC
50	1	10401	FITTING, 6400-6-6
51	1	03302	FITTING, 6409-6 PLUG
52	1	12765	HOSE, REAR PUMP RT/ LT MOTOR FR
53	1	12766	HOSE, REAR PUMP L/L MOTOR REAR



BARRETO

TITLE: LEFT CARRIAGE

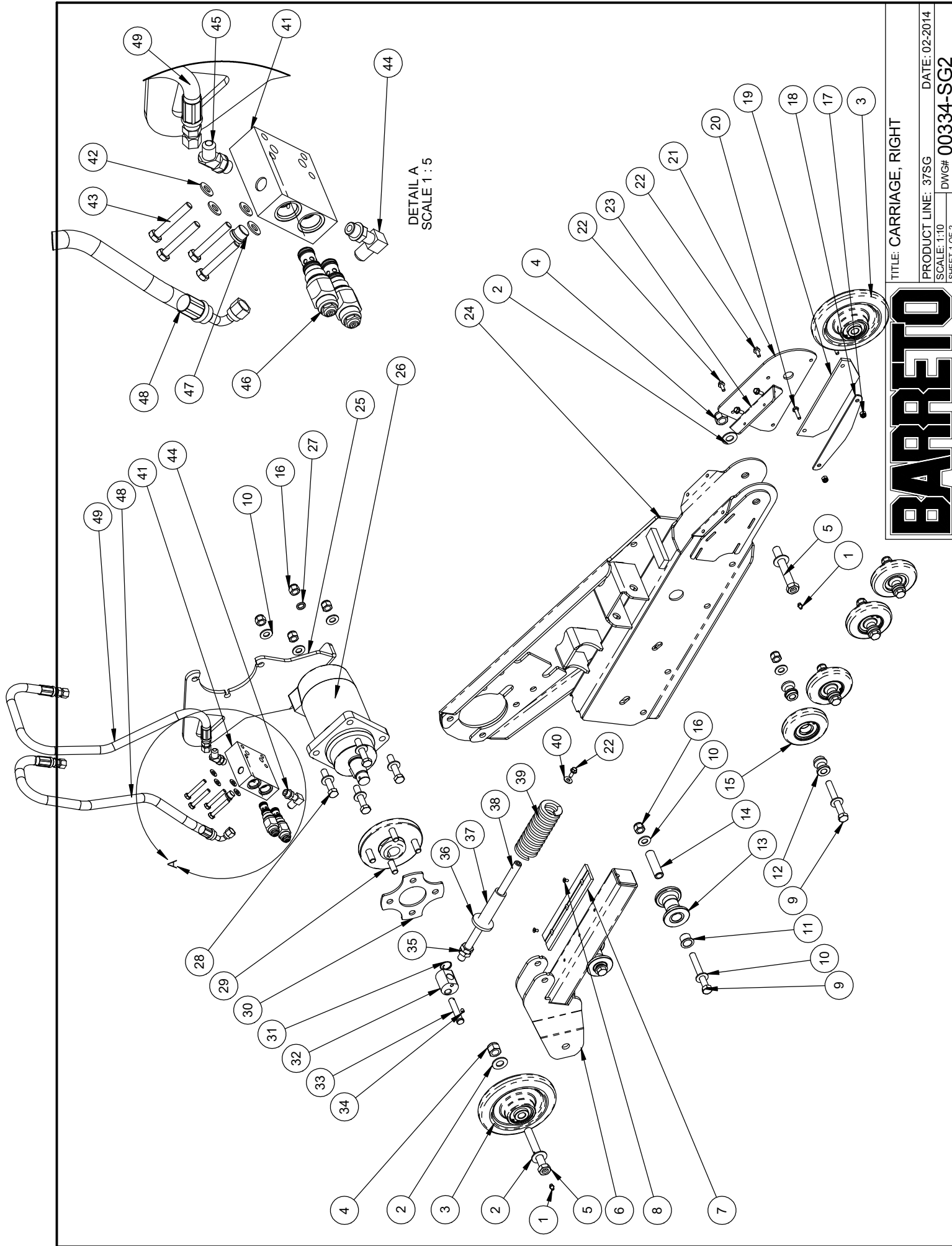
PRODUCT LINE: 37SG

SCALE: 1:16

DATE: 02-2014

SHEET 2 OF 2

DWG# 00333-SG2



TITLE: CARRIAGE, RIGHT

PRODUCT LINE: 37SG DATE: 02-2014

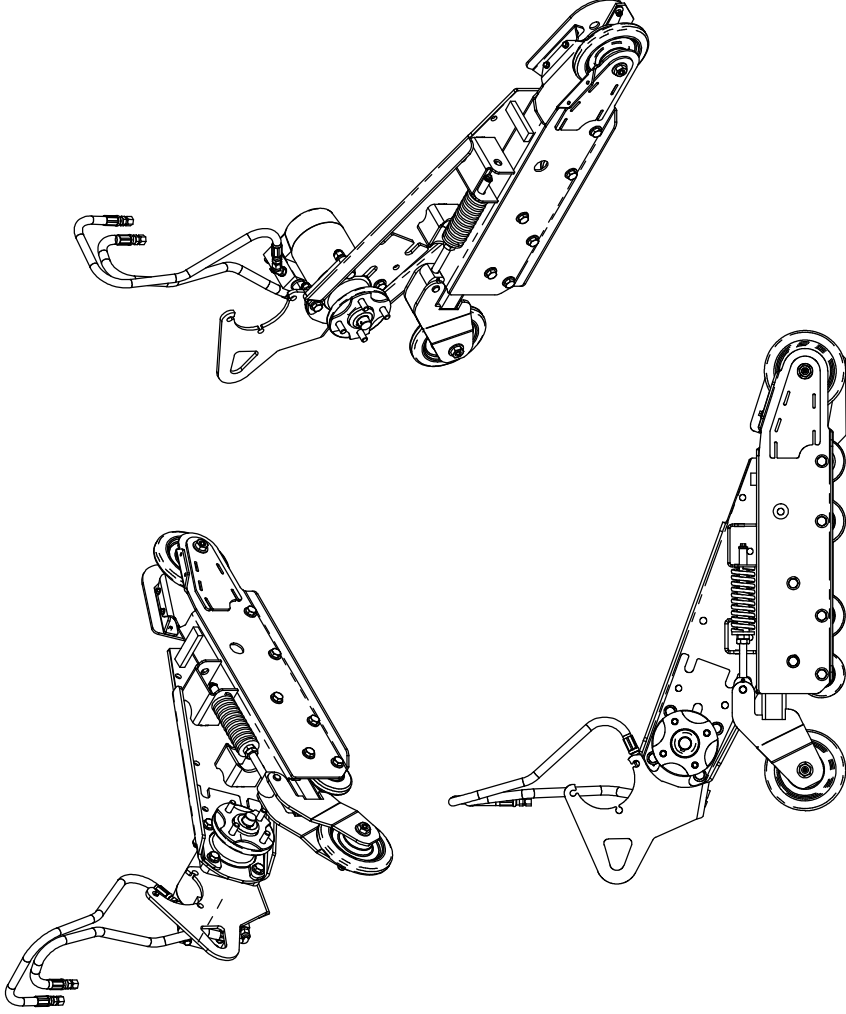
SCALE: 1:10

SHEET 1 OF 2

DWG# 00334-SG2

BARRETO

ITEM NO.	QTY.	PART NO.	DESCRIPTION	ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	2	05044	GREASE ZERK, 1/4-28 UNF	48	1	12763	HOSE, FR PUMP RT/RT MOTOR REAR
2	4	05272	WASHER, 5/8 SAE ZINC HARDENED	49	1	12764	HOSE, FR PUMP LT/RT MOTOR FR
3	2	00335	IDLER ASSEMBLY				
4	2	05099	NUT, NYLOCK, 5/8-11 NC ZINC				
5	2	11490	ROLLER AXLE, 5/8 X 4-1/2"				
6	1	10876	IDLER ARM				
7	1	10910	ARM SLIDER				
8	2	05084	HEX SOCKET FH CAP SCREW, #10-24 X 3/8				
9	6	05590	HH CAP SCREW, 1/2-13 NC X 4 G5 ZINC				
10	19	05102	WASHER, 1/2 SAE ZINC HARDENED				
11	4	10272	BUSHING, IGUS MFI-1214-12				
12	8	11144	ROLLER SPACER				
13	2	10907	ARM ROLLER				
14	2	10908	SPACER				
15	4	00366	MID ROLLER ASSY				
16	10	05098	NUT, NYLOCK, 1/2-13 NC ZINC				
17	2	05096	NUT, NYLOCK, 1/4-20 NC ZINC				
18	1	11474	FLAP BACKING				
19	1	11475	FLAP				
20	2	05237	HH CAP SCREW, 1/4-20 NC X 1 G5 ZINC				
21	1	11247	ROLLER GUARD				
22	5	05069	WHIZ LOCK, 1/4-20 NC X 5/8 ZINC				
23	1	11251	ROLLER GUARD MOUNT				
24	1	10849-R R1	RIGHT CARRIAGE				
25	1	11462-R	WEIGHT MOUNT, RIGHT				
26	1	04029	MOTOR, PARKER TF 0240WE080				
27	1	03290	SPACER WASHER, .532 X .750 X .125				
28	4	11447	HH CAP SCREW, 1/2-13 NC X 2-1/2 G5 ZN				
29	1	10827	WHEEL HUB, 1-1/4" TAPERED, SOLID				
30	1	12354	SPROCKET SHIM				
31	1	05039-7	CIRCLE COTTER, CC-7				
32	1	11156	TENSIONER END				
33	1	05250	CLEVIS PIN, 1/2 X 2-1/2 ZINC				
34	1	05021	SET SCREW, 1/4-20 UNC X 5/16, CUP POINT				
35	2	10707	NUT, JAM, 5/8-11 NC ZINC				
36	1	11157	WASHER, TENSION SPRING				
37	1	11470	SPRING GUIDE				
38	1	11170	TENSIONER STUD				
39	1	11674	SPRING, CENTURY D-1378				
40	1	05078	WASHER, 1/4 USS ZINC				
41	1	12329	C-BALANCE MANIFOLD, SDC10-3S				
42	4	05068	WASHER, 5/16 SAE ZINC				
43	4	05566	HH CAP SCREW, 5/16-18 NC X 2 G5 ZINC				
44	1	11082	FITTING, 6801-6-6-L				
45	1	11074	FITTING, 6802-6-6				
46	2	04405	C-BALANCE CARTRIDGE, CB10-HV				
47	1	103302	FITTING, 6409-6 PLUG				



BARRETO

TITLE: RIGHT CARRIAGE

PRODUCT LINE: 37SG

DATE:

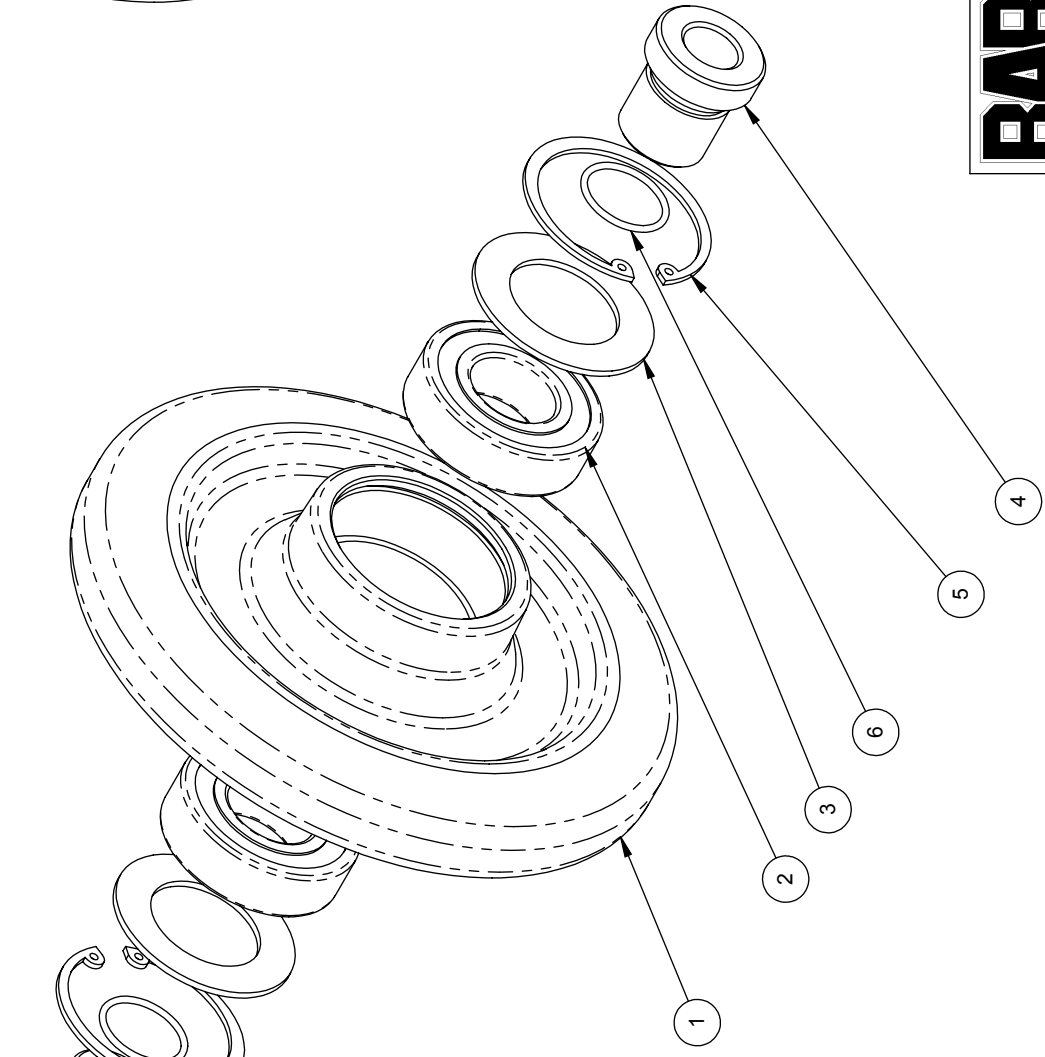
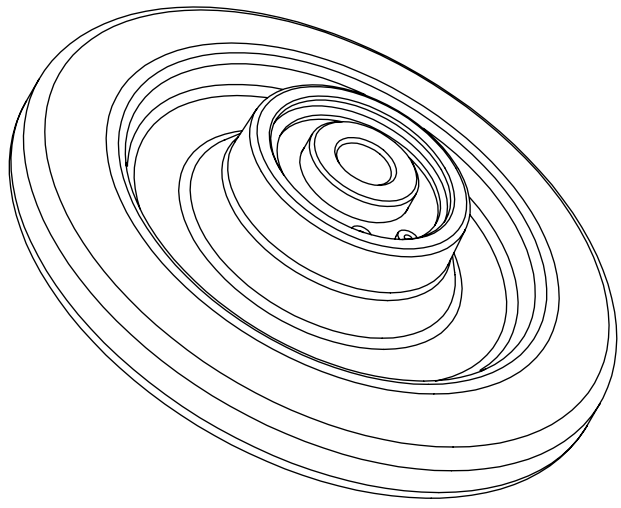
SCALE: 1:16

SHEET 2 OF 2

DWG# 00334-SG2

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	10875	IDLER
2	2	03043-S1	BALL BEARING, 6205
3	2	01039	SHIELD, ROLLER BEARING
4	2	10878	IDLER SPACER
5	2	05024	SNAP RING, HO-200, 2" INTERNAL
6	2	10887	O-RING, 2-020N70, 1 OD X 1/16 SECTION

RELEASE DATE	11/2006
REVISED DATE	4/20/17



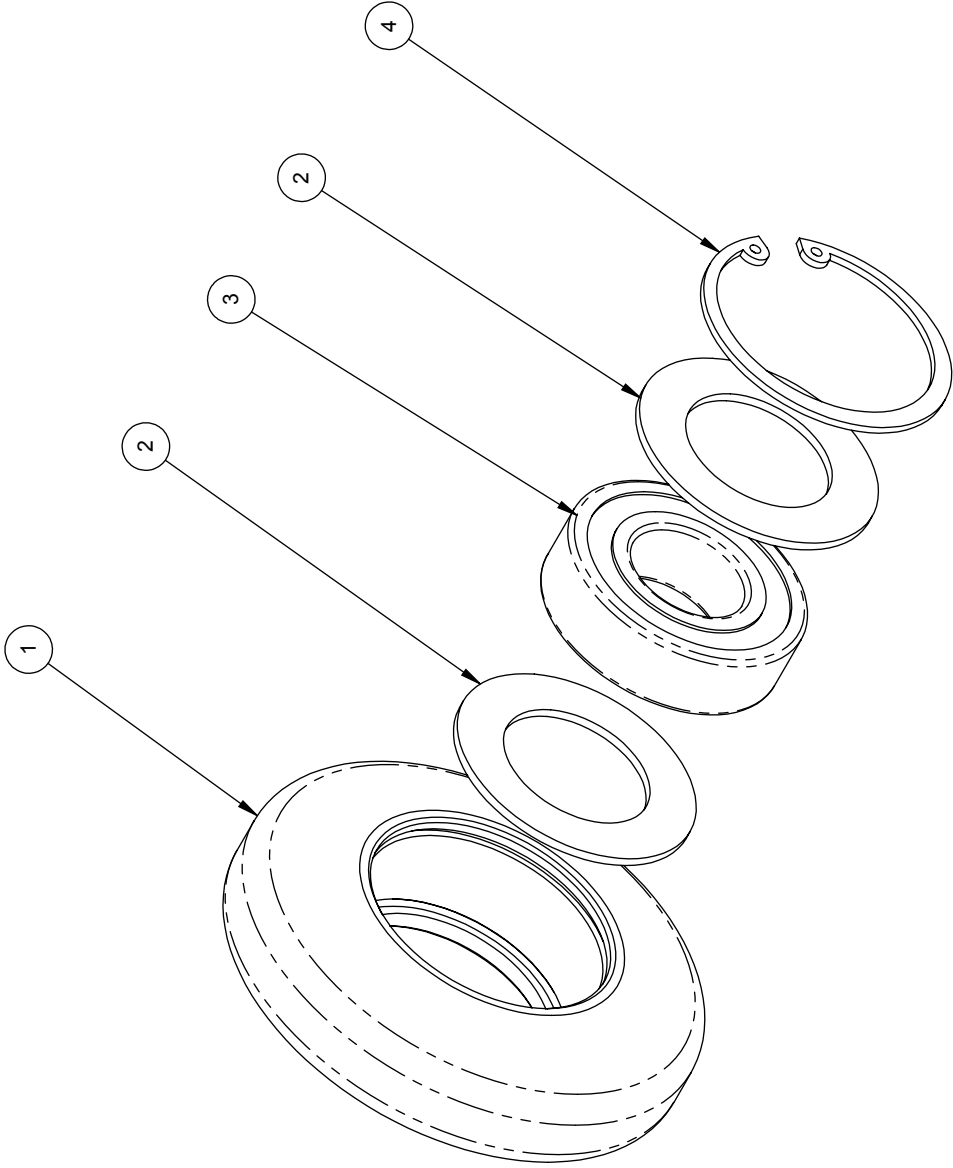
TITLE: IDLER ASSEMBLY

BARRETO

PRODUCT LINE: 30SG, 37SG, RTK, TK	DATE: 11/06
SCALE: 1:2	DWG# 00335
SHEET 1 OF 1	

REF	QTY.	PART NO.	DESCRIPTION
1	1	11473	SUPPORT ROLLER
2	2	01039	SHIELD, ROLLER BEARING
3	1	03043-S2	BALL BEARING, 6205
4	1	05024	SNAP RING, HO-200, 2" INTERNAL

UPDATE 10/2/19



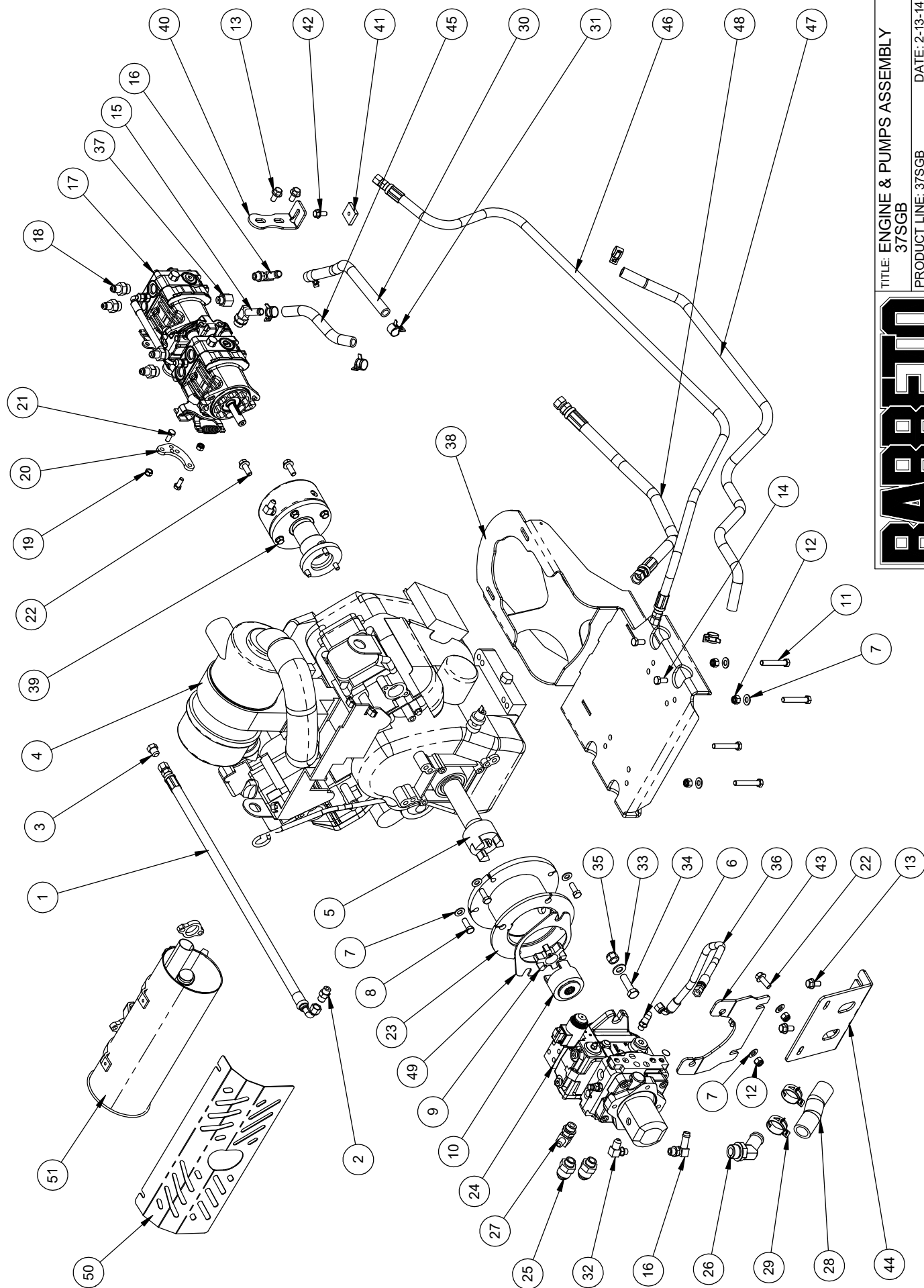
BARRETO

TITLE: MID ROLLER ASSEMBLY

PRODUCT LINE: 30SG, 37SG, RTK, TK DATE: 11/07

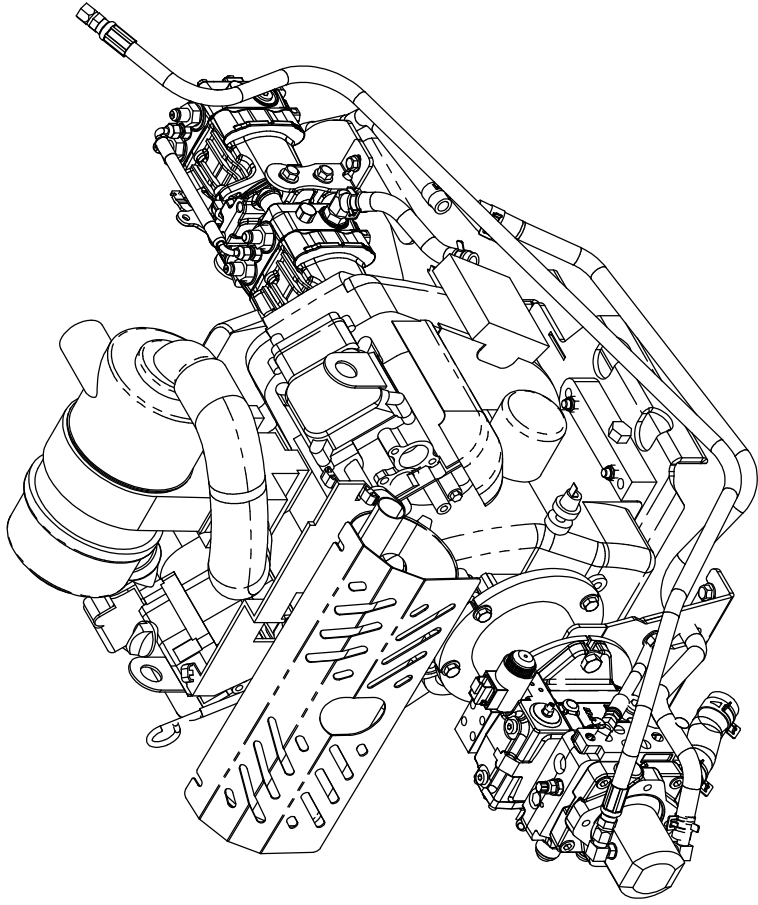
SCALE: 2:3 DWG# 00366

SHEET 1 OF 1



ITEM NO.	QTY.	PART NO.	DESCRIPTION	ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	12320	ENGINE DRAIN HOSE	48	1	12760	HOSE, CASE DRAIN TO FILTER
2	1	104215	FITTING, 9067-6-14 METRIC	49	1	14386	PUMP SHIM
3	1	104539	FITTING, 2408-6	50	1	12809	MUFFLER SHIELD, BRIGGS
4	1	107037	ENGINE, BRIGGS 37hp	51	1	107037-01	MUFFLER, B&S 31, CENTER EXIT

5	1	12736M	JAW COUPLER, 1.125, L-100
6	1	104555	FITTING, 6801-4-4
7	10	05101	WASHER, 3/8 SAE ZINC
8	4	05059	HH CAP SCREW, 3/8-16 NC X 1 G5 ZINC
9	1	12456	SPIDER, HYTREL, L-099
10	1	12737M	JAW COUPLER, 13T SAE, L-100, MACHINED
11	4	05352	HH CAP SCREW, 3/8-16 NC X 2-1/4 G5 ZINC
12	6	05073	NUT, NYLOCK, 3/8-16 NC ZINC
13	6	05187	HHFS 3/8-16 X 3/4, G5, ZN
14	4	05057	HH CAP SCREW, 3/8-16 NC X 3/4 G5 ZINC
15	1	104216	FITTING, 4603-8-8
16	2	11070	FITTING, 4601-8-6
17	1	12730	HYDRO PUMP, 10CC TANDEM
18	4	04226	FITTING, 6400-6-8
19	2	05273	NUT, NYLOCK, 5/16-18 NC ZINC
20	1	12447T	EXTEND ARM
21	2	05247	HH CAP SCREW, 5/16-18 NC X 3/4 G5 ZINC
22	4	05377	HHFS 3/8-16 X 1, G5, ZN
23	1	12735	PUMP ADAPTER, MACHINE DIM.S
24	1	104036	PISTON PUMP
25	2	04607	FITTING, 6400-12-8
26	1	10456	FITTING, 4603-16-12
27	1	104249	FITTING, 6803-8-6-8
28	1	12756	SUCTION HOSE
29	2	05225	CLAMP, 1" ID HOSE, CTB-35 ST
30	1	12772	HOSE, DRIVE PUMP SUC / TEE
31	6	05609	CLAMP, 1/2" HOSE, CTB-20
32	1	104526-01	FITTING, 6801-6-4
33	2	05102	WASHER, 1/2 SAE ZINC HARDENED
34	2	10257	HH CAP SCREW, 1/2-20 NF X 1-3/4 G5 ZINC
35	2	05075	NUT, NYLOCK, 1/2-20 NF ZINC
36	1	12761	HOSE, UNLOADER SIGNAL
37	1	12047	FITTING, 6410-6-6
38	1	13228 P	ENGINE BASE
39	1	100605-B-SG	STUB SHAFT ASSEMBLY, BRIGGS
40	2	13202	PUMP SUPPORT
41	2	13205	SQUARE NUT
42	2	05131	HHFS 5/16-18 X 3/4, G8, ZN
43	1	14373	PUMP SUPPORT
44	1	14374	SUPPORT MOUNT
45	1	12753	HOSE, DRAIN TO JUNCTION
46	1	14382	HOSE, AUX TO VALVE
47	1	12773	HOSE, AUX PUMP SUC / TEE



BARRETO

TITLE: ENGINE / PUMPS ASSEM, BS 37

PRODUCT LINE: 37SG

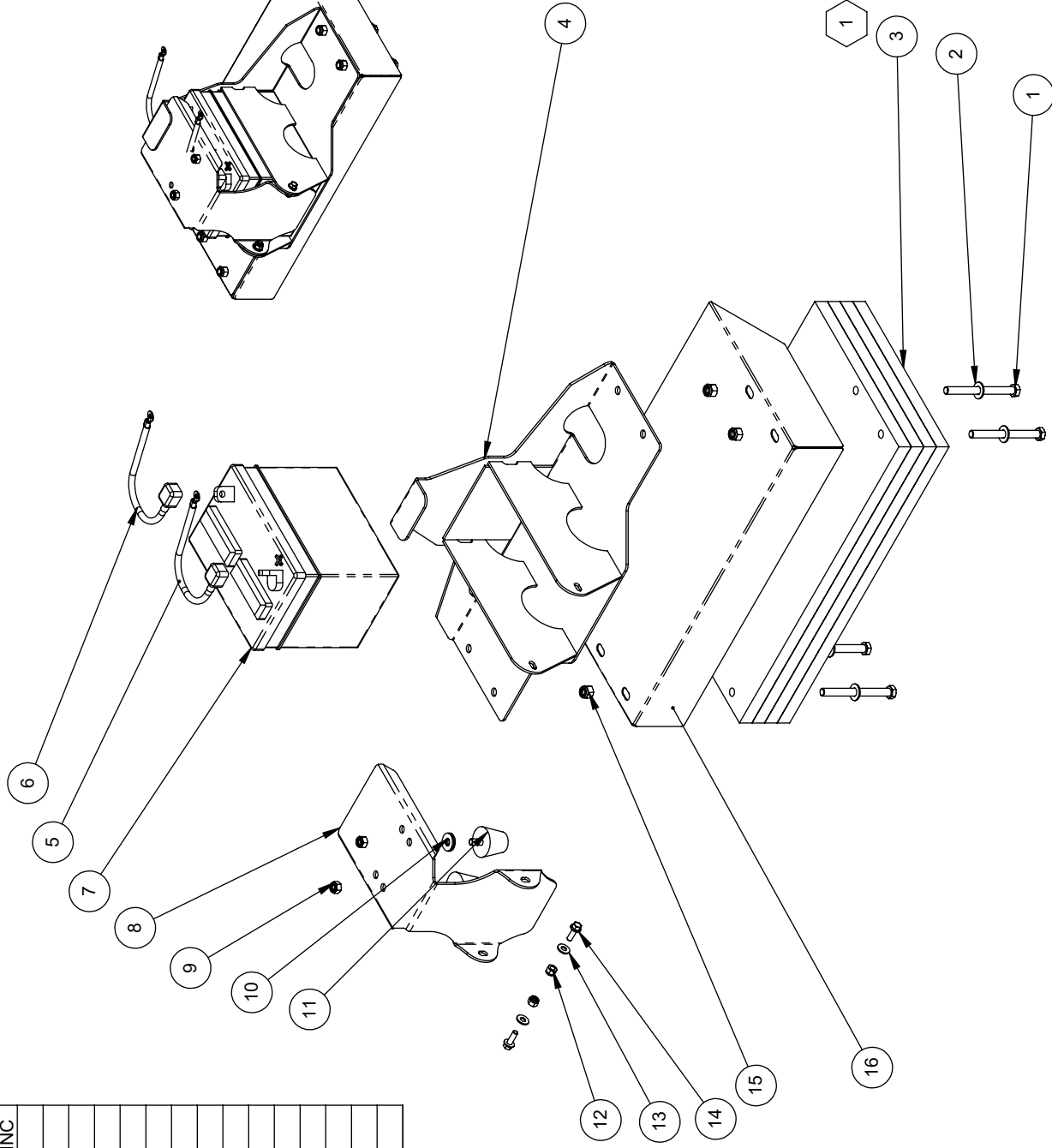
DATE: 2-13-14

SCALE: 1:32

DWG# 00390-BS37

SHEET 2 OF 2

REF	QTY.	PART NO.	DESCRIPTION
1	4	10757	HH CAP SCREW, 3/8-16 NC X 4 G5 ZINC
2	4	05101	WASHER, 3/8 SAE ZINC
3	4	11634	WEIGHT, 3/4 X 10
4	1	11539	BATTERY MOUNT
5	1	11321	BATTERY CABLE, POS
6	1	11322	BATTERY CABLE, NEG
7	1	11537	BATTERY, GT-X U1 300
8	1	11542	BATTERY CAP, W/ PAD
9	2	05273	NUT, NYLOCK, 5/16-18 NC ZINC
10	4	10615	WASHER, 5/16 USS ZINC
11	2	11258	RUBBER BUMPER
12	2	05096	NUT, NYLOCK, 1/4-20 NC ZINC
13	2	05081	WASHER, 1/4 SAE ZINC
14	2	05049	WHIZ LOCK, 1/4-20 NC X 3/4 ZINC
15	4	05073	NUT, NYLOCK, 3/8-16 NC ZINC
16	1	13475	WEIGHT COVER- 4 PLATES



1 37 HP MODEL USES 3 WEIGHTS

BARRETO

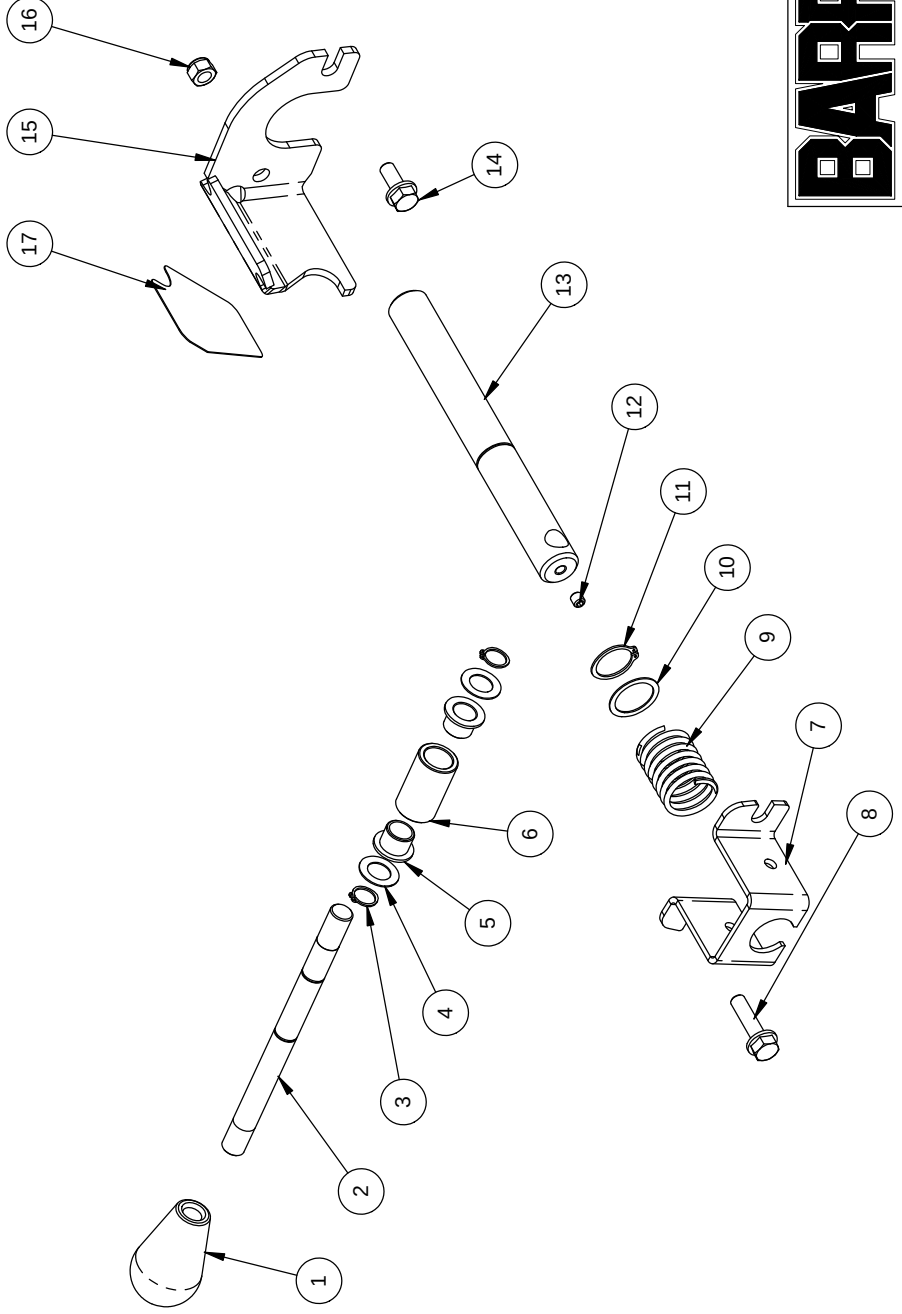
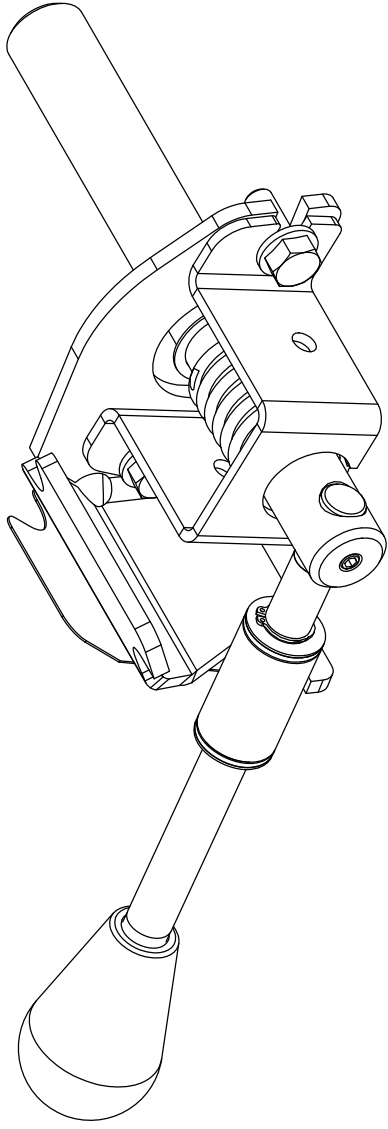
TITLE: BATTERY & WEIGHT ASSEMBLY

PRODUCT LINE: 30SG / 37SG DATE: 9/18

SCALE: 1:8 DWG# 00326-SG

SHEET 1 OF 1

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	03508	SPEED KNOB
2	1	11709	PARK LEVER
3	2	05506	SNAP RING, 1/2" EXTERNAL, SH-50
4	2	10113	THRUST WASHER, .518 X .873 X .030
5	2	03501	BUSHING, IGUS MFI-0810-08
6	1	11708	ROLLER
7	1	11707	SPRING BASE
8	1	05138	HH FLANGE SCREW, 5/16-18 NC X 1-1/4 G8 ZINC
9	1	03354	SPRING, CENTURY 1539
10	1	10300	THRUST WASHER, .880 X 1.123 X .030, HARD
11	1	05602	SNAP RING, SH-87-P, 7/8" EXTERNAL
12	1	05143	SET SCREW .25 NF X .25 CUP
13	1	11705	BRAKE PIN
14	1	05131	HH FLANGE SCREW, 5/16-18 NC X 3/4 G8 ZINC
15	1	12355	CAM PLATE
16	1	05273	NUT, NYLOCK, 5/16-18 NC ZINC
17	1	04450-16	BRAKE DECAL



BARRETO

TITLE: PARK BRAKE ASSEMBLY

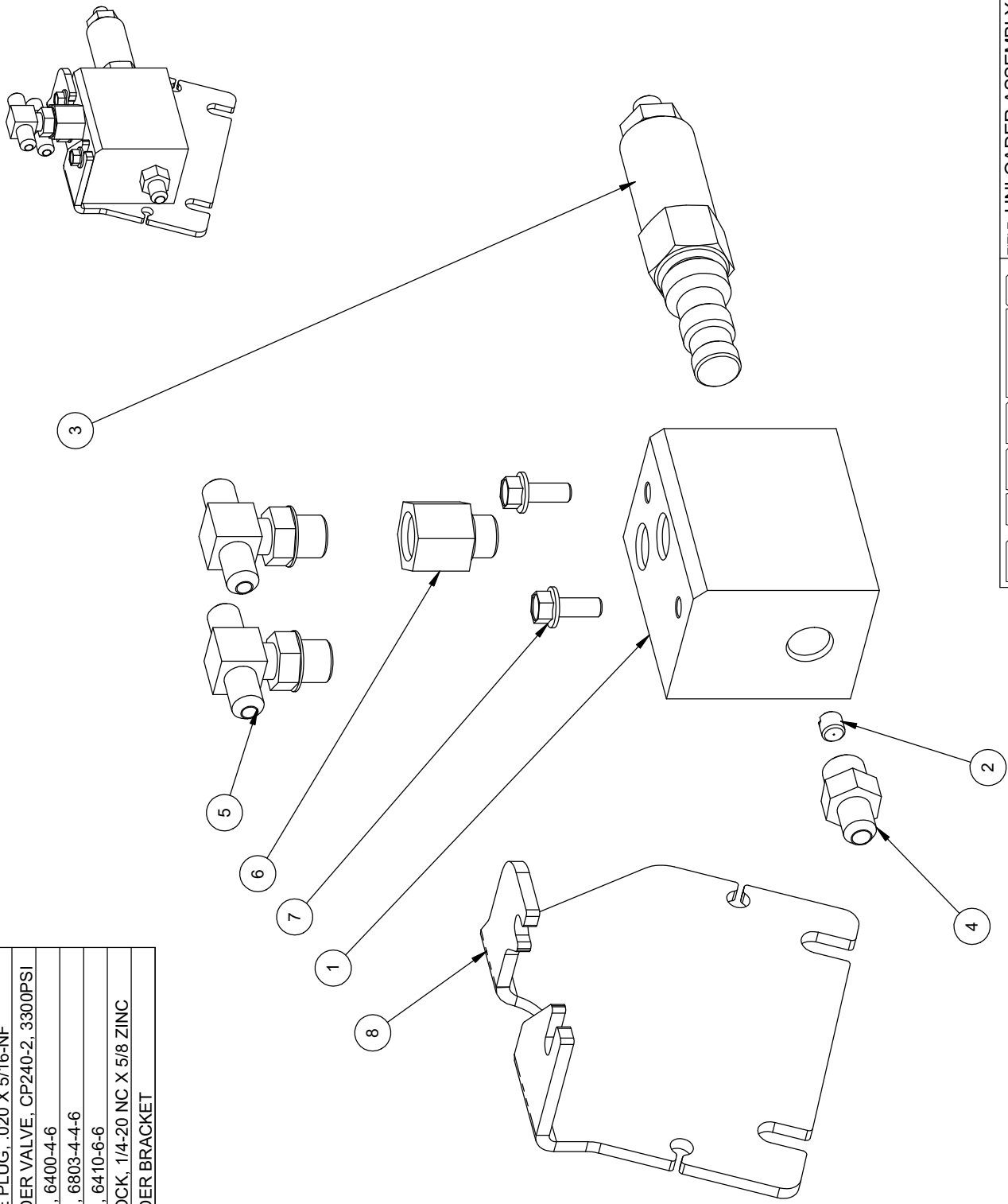
PRODUCT LINE: STUMP GRINDER DATE: 7-12

SCALE: 1:4

DWG# 00458-SG

SHEET 1 OF 1

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	12081	VALVE BLOCK
2	1	12770	ORIFICE PLUG, .020 X 5/16-NF
3	1	4602-SG	UNLOADER VALVE, CP240-2, 3300PSI
4	1	12857	FITTING, 6400-4-6
5	2	11441	FITTING, 6803-4-4-6
6	1	12047	FITTING, 6410-6-6
7	2	05069	WHIZ LOCK, 1/4-20 NC X 5/8 ZINC
8	1	12769X	UNLOADER BRACKET



BARRETO

TITLE: UNLOADER ASSEMBLY

PRODUCT LINE: 37SG DATE: 1-8-14

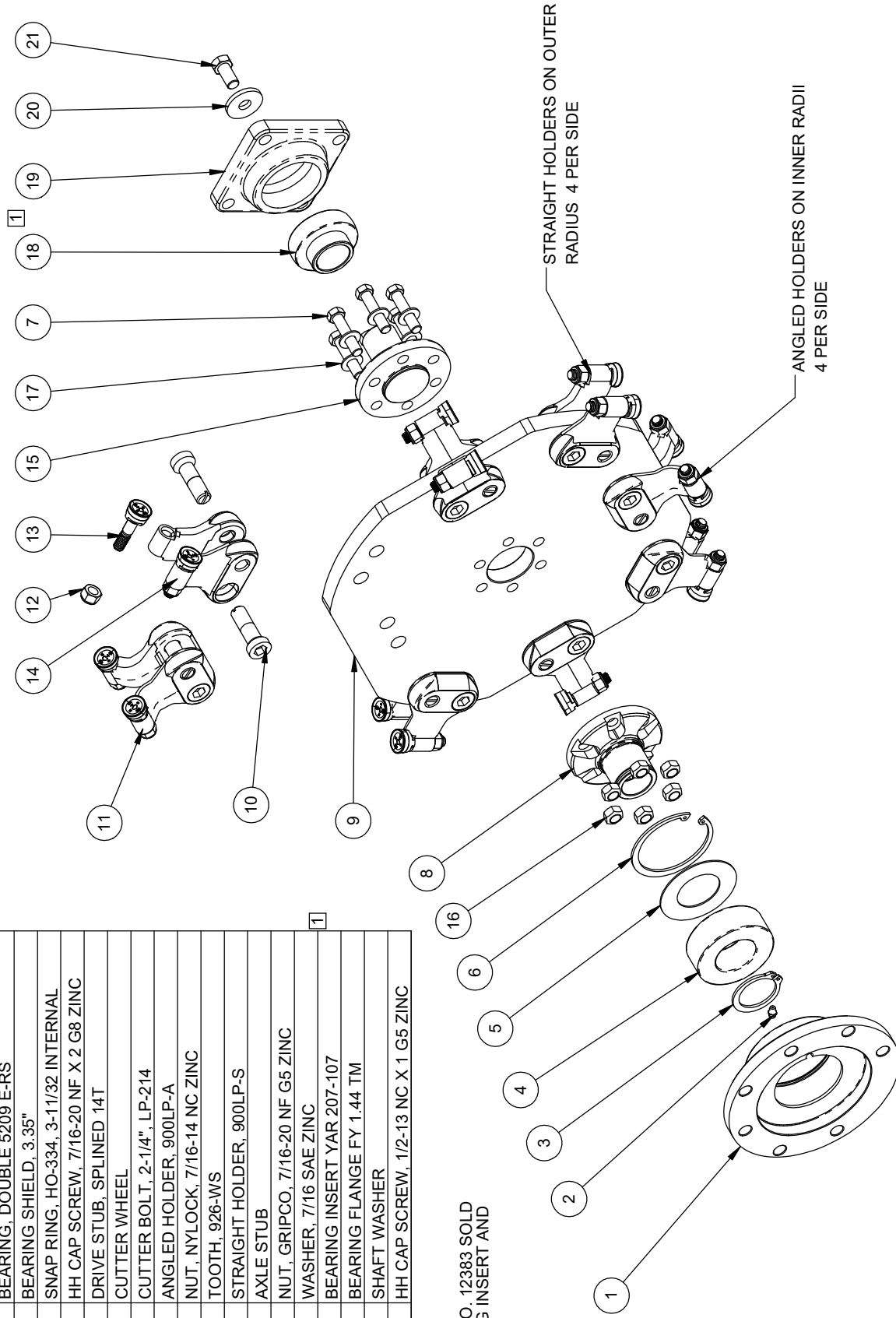
SCALE: 1:2 DWG# 00481-SG

SHEET 1 OF 1

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	12752	MOTOR - BEARING FLANGE
2	1	05044	GREASE ZERK, 1/4-28 UNF
3	1	11310	SNAP RING, SHR-175, 1-3/4" EXT, HEAVY
4	1	12732	BEARING, DOUBLE 5209 E-RS
5	1	12733	BEARING SHIELD, 3.35"
6	1	10284	SNAP RING, HO-334, 3-11/32 INTERNAL
7	6	05354	HH CAP SCREW, 7/16-20 NF X 2 G8 ZINC
8	1	12731	DRIVE STUB, SPLINED 14T
9	1	12279	CUTTER WHEEL
10	16	12283	CUTTER BOLT, 2-1/4", LP-214
11	8	12832	ANGLED HOLDER, 900LP-A
12	16	05599	NUT, NYLOCK, 7/16-14 NC ZINC
13	16	12830	TOOTH, 926-WS
14	8	12831	STRAIGHT HOLDER, 900LP-S
15	1	12265	AXLE STUB
16	6	05355	NUT, GRIPCO, 7/16-20 NF G5 ZINC
17	6	05544	WASHER, 7/16 SAE ZINC
18	1	12383	BEARING INSERT YAR 207-107
19	1	12383	BEARING FLANGE FY 1.44 TM
20	1	11027	SHAFT WASHER
21	1	05067	HH CAP SCREW, 1/2-13 NC X 1 G5 ZINC

1 ITEMS 17, 18, PART NO. 12383 SOLD TOGETHER; BEARING INSERT AND FLANGE

TORQUE TOOTH NUTS REF. 12, TO 35 FT-LB
TORQUE TOOTH BOLTS REF. 10 TO 240 FT-LB DRY, OR 180 FT-LB WITH LOCKING COMPOUND
TORQUE HUB BOLTS , REF. 7 TO 70 FT-LB



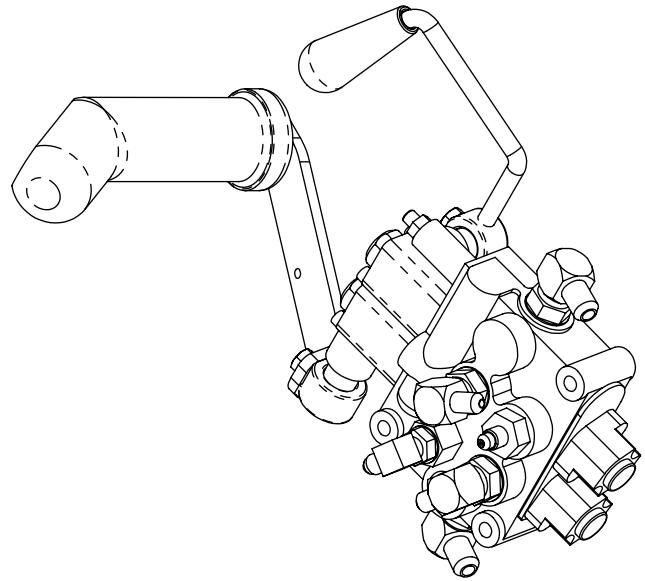
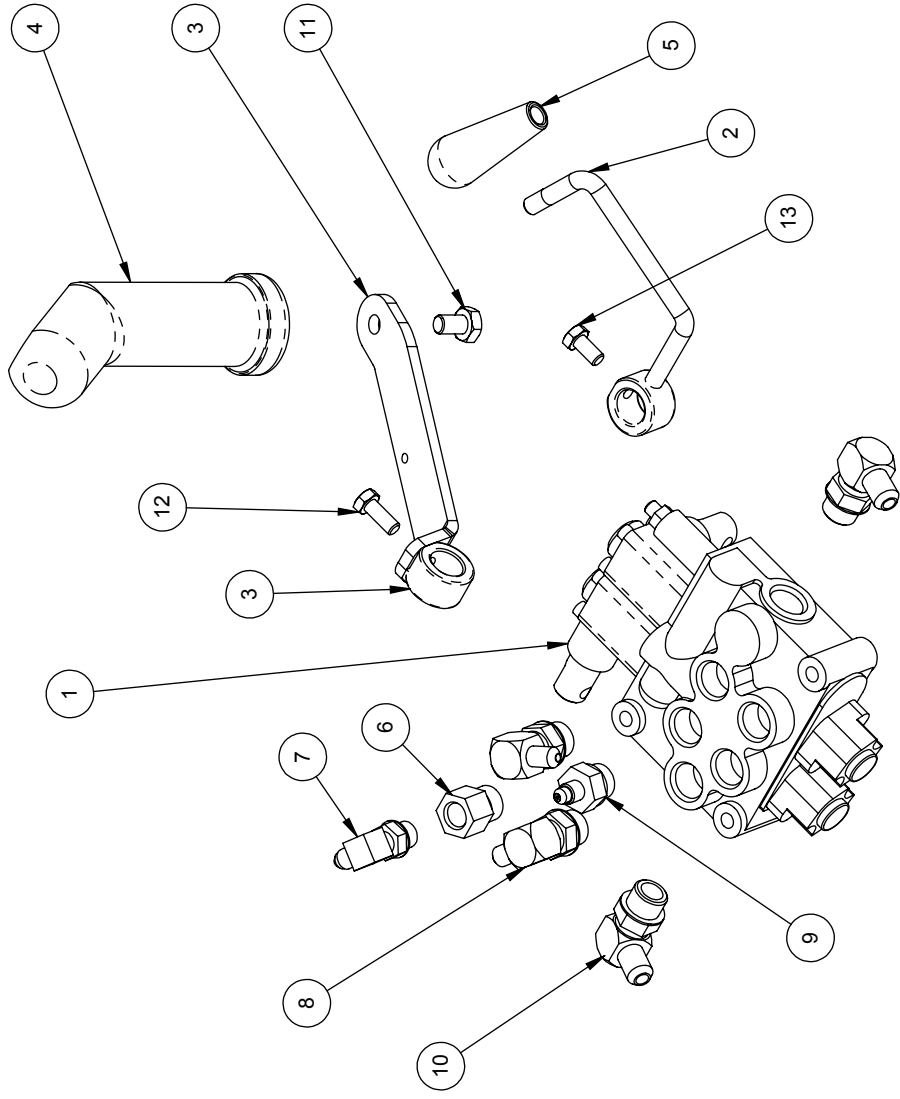
BARRETO

TITLE: CUT WHEEL ASSEMBLY, 37SG

PRODUCT LINE: E37SG DATE: 1 / 14

SCALE: 1:6 SHEET 1 OF 1 DWG# 00492-37

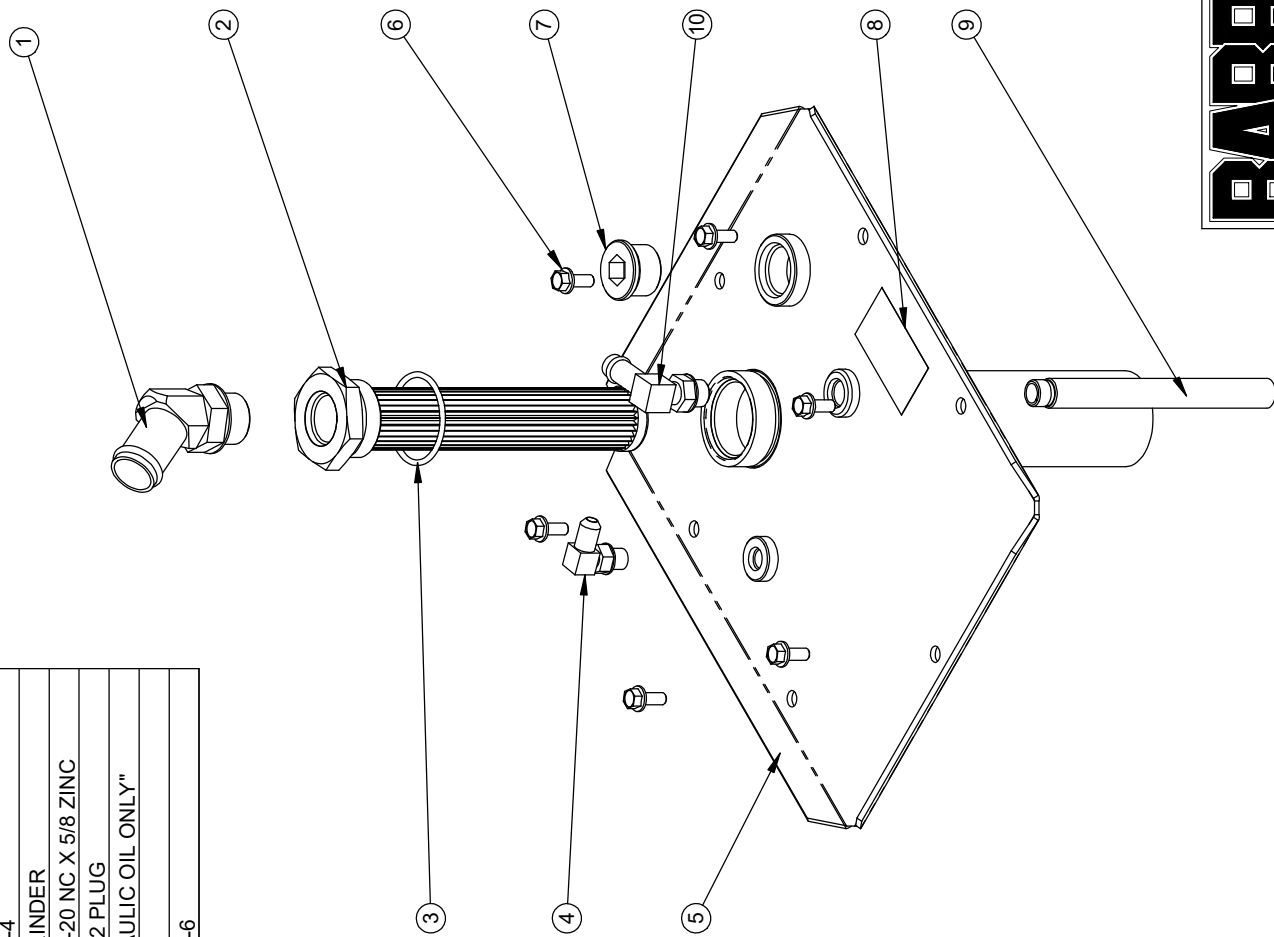
ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	104022-W	VALVE, WOLVERINE
2	1	112776	LIFT LEVER
3	1	112777	SWING LEVER
4	1	112379-B1	JOYSTICK HANDLE, W/ TRIGGER
5	1	103542	SPEED KNOB
6	1	104529	FITTING, 6410-8-6
7	1	104527-01	FITTING, 6801-4-6
8	2	10403	FITTING, 6801-4-8
9	1	104568	FITTING, 6400-4-8
10	2	10404	FITTING, 6801-6-8
11	1	112466	HH CAP SCREW, M10-1.5 X 16mm, 8.8, ZINC
12	1	112782	HH CAP SCREW, M8-1.25 X 20MM ZINC
13	1	105406	HH CAP SCREW, M8-1.25 X 16MM ZINC



BARRETO

TITLE: CYLINDER VALVE ASSEM
2 LEVER CONTROL
PRODUCT LINE: 30SG, 37SG
SCALE: 1:4
SHEET 1 OF 1
DATE: 2-14
DWG# 00497

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	10456	FITTING, 4603-16-12
2	1	10247	SUMP SCREEN #20 EXT #12 INT O-RING
3	1	03292	O-RING, 3-924N90, -24 FITTINGS
4	1	04555	FITTING, 6801-4-4
5	1	12755	LID, STUMP GRINDER
6	6	05069	WHIZ LOCK, 1/4-20 NC X 5/8 ZINC
7	1	10526	FITTING, 6409-12 PLUG
8	1	03040-06	DECAL, "HYDRAULIC OIL ONLY"
9	1	12864	RETURN TUBE
10	1	11070	FITTING, 4601-8-6



BARRETO

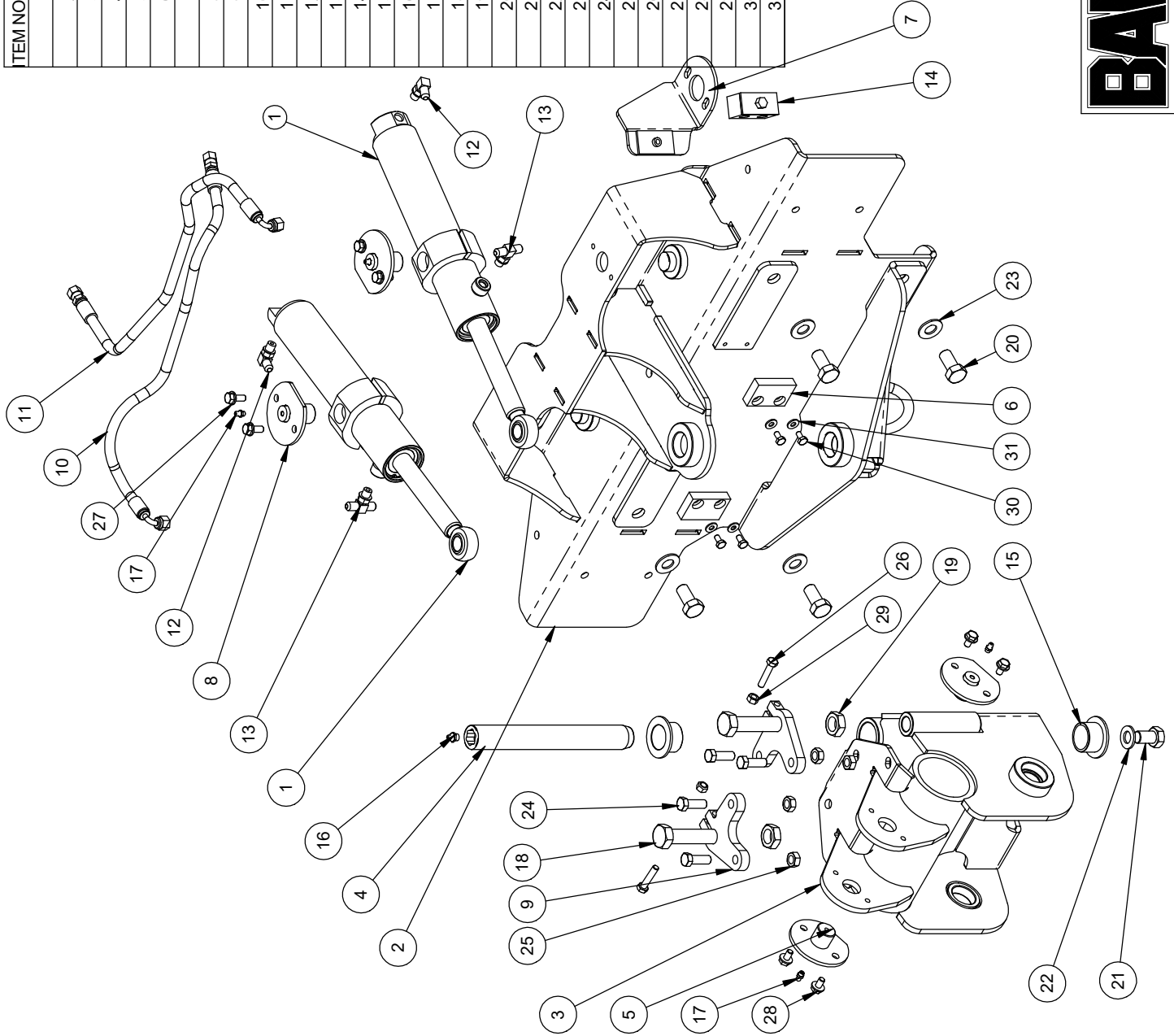
TITLE: LID ASSEMBLY

PRODUCT LINE: 37SG DATE: 2/14

SCALE: 1/4 DWG# 00499-SG37

SHEET 1 OF 1

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	2	00538	SWING CYLINDER ASSEMBLY
2	1	12705	MOUNT BASE, CP
3	1	12706	PIVOT HEAD, CP
4	1	12711	SWING PIN
5	2	10281	CYLINDER PIN
6	2	12714	SWING STOP
7	1	12728L	HOSE MOUNT, LEFT
8	2	12262	TRUNION PIN
9	2	12794	PIN BRACE
10	1	12722	HOSE, SWING CROSSOVER, R, FRONT
11	1	12722	HOSE, SWING CROSSOVER, L, FRONT
12	2	04555	FITTING, 6801-4-4
13	2	04223	FITTING, 6803-4-4-4
14	1	12359	HOSE CLAMP, 1/4"
15	2	12712	BUSHING, COMPOSITE FLANGE
16	1	05256	GREASE ZERK, 1/8 NPT
17	4	05044	GREASE ZERK, 1/4-28 UNF
18	2	05179	HH CAP SCREW, 3/4-16 NF X 3-1/2 G8 ZINC
19	2	05115	NUT, JAM, 3/4-16 NF ZINC
20	4	05260	HH CAP SCREW, 5/8-11 NC X 1-1/4 G5 ZINC
21	1	05178	HH CAP SCREW, 5/8-18 NF X 1 G5 ZINC
22	1	05100-B	WASHER, M 16 X 30
23	4	05272	WASHER, 5/8 SAE ZINC HARDENED
24	4	05063	HH CAP SCREW, 7/16-20 NF X 1-1/4 G8 ZINC
25	4	05355	NUT, GRIPCO, 7/16-20 NF G5 ZINC
26	2	05420	HH CAP SCREW, 5/16-24 NF X 1-1/2 G5 ZINC
27	4	05131	HH FLANGE SCREW, 5/16-18 NC X 3/4 G8 ZINC
28	4	05169	WHIZ-LOCK 5/16 - 18 X 1/2
29	2	10462	NUT, GRIPCO, 5/16-24 NF G5 ZINC
30	4	05557	HH CAP SCREW, 1/4-20 NC X 1/2 G5 ZINC
31	4	05081	WASHER, 1/4 SAE ZINC



BARRETO

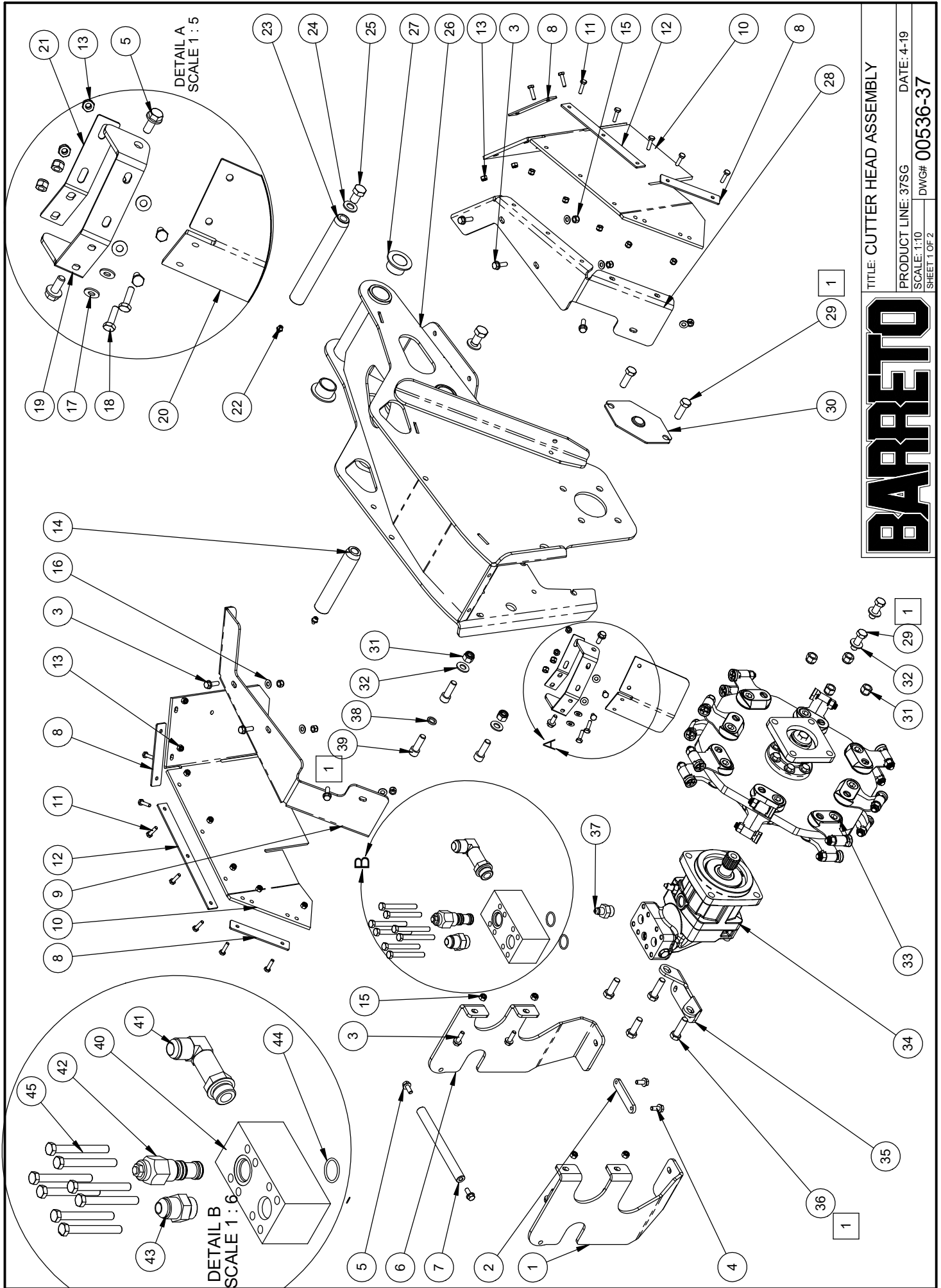
TITLE: PIVOT HEAD
SG - CENTER PIVOT

PRODUCT LINE: 37SG DATE: 1/21

SCALE: 1:8

DWG# 00535-37

SHEET 1 OF 1



TITLE: CUTTER HEAD ASSEMBLY

PRODUCT LINE: 37SG DATE: 4-19

SCALE: 1:10

DWG# 00536-37

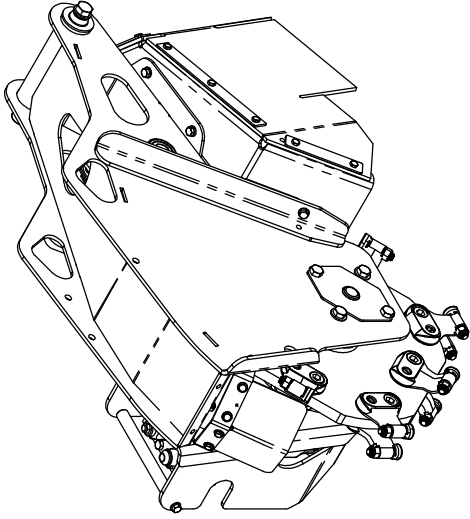
SHEET 1 OF 2

BARRETO

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	12742	MOTOR GUARD
2	1	11643	NUT BAR
3	10	05567	HH FLANGE SCREW, 5/16-18 NC X 1" G8 ZINC
4	2	05567	HHFS 5/16-18 X 3/4, G8, ZN
5	4	05131	HH FLANGE SCREW, 5/16-18 NC X 3/4 G8 ZINC
6	1	12742-L	MOTOR GUARD, LEFT
7	1	12269	GUARD BRACE
8	4	12482	FLAP KEEPER
9	1	12716R	SKIRT MOUNT, RIGHT
10	2	12721	SKIRT
11	14	05237	HH CAP SCREW, 1/4-20 NC X 1 G5 ZINC
12	2	12276	LEFT FLAP STRAP
13	18	05096	NUT, NYLOCK, 1/4-20 NC ZINC
14	1	12709T	LIFT ROD PIN
15	12	05273	NUT, NYLOCK, 5/16-18 NC ZINC
16	6	05068	WASHER, 5/16 SAE ZINC
17	4	05081	WASHER, 1/4 SAE ZINC
18	4	05535	HH CAP SCREW, 1/4-20 NC X 7/8 G5 ZN
19	1	12477	FRONT FLAP MOUNT
20	1	12478	FRONT FLAP
21	1	12479 R1	FRONT FLAP KEEPER
22	2	05256	GREASE ZERK, 1/8 NPT
23	1	12771	LIFT PIVOT PIN
24	2	05100-B	WASHER, M 16 X 30
25	2	05178	HH CAP SCREW, 5/8-18 NF X 1 G5 ZINC
26	1	12734	CUTTER HEAD, CENTER PIVOT
27	2	12712	BUSHING, COMPOSITE, 1.265 X 1.514 X 1.0, FLANGE
28	1	12716L	SKIRT MOUNT, LEFT
29	6	05300-01	HH CAP SCREW, 1/2-13 NC X 1-1/2 G5 ZINC
30	1	12267	BEARING COVER
31	7	05098	NUT, NYLOCK, 1/2-13 NC ZINC
32	4	05102	WASHER, 1/2 SAE ZINC HARDENED
33	1	100492-37	CUT WHEEL ASSEMBLY, 37SG
34	1	104035	MOTOR, F12-40-MS-SV-S
35	1	12153	GUARD BRACE
36	2	05129	HH CAP SCREW, 1/2-13 NC X 1-3/4 G5 ZINC
37	1	10800	HYDRAULIC FITTING, 6400-0-6-10
38	1	103290	SPACER WASHER, .532 X .750 X .125
39	3	05586	SH CAP SCREW, 1/2-13 NC X 1-1/2 ZINC
40	1	12740	BRAKE RELIEF BODY
41	1	11181	FITTING, 6801-12-12
42	1	104023	CP441-1 COUNTERBALANCE VALVE
43	1	12741	FITTING, 6400-12-12
44	2	12754	O-RING, 2-120, 1-3/16 OD X 3/32 SECTION
45	8	10598	HH CAP SCREW, 3/8-16 NC X 3-1/4 G5 ZINC

1

80 FT-LB or 110 Nm



1

1

1

BARRETO

TITLE: CUTTER HEAD ASSEMBLY

PRODUCT LINE: 37SG

DATE: 1-14

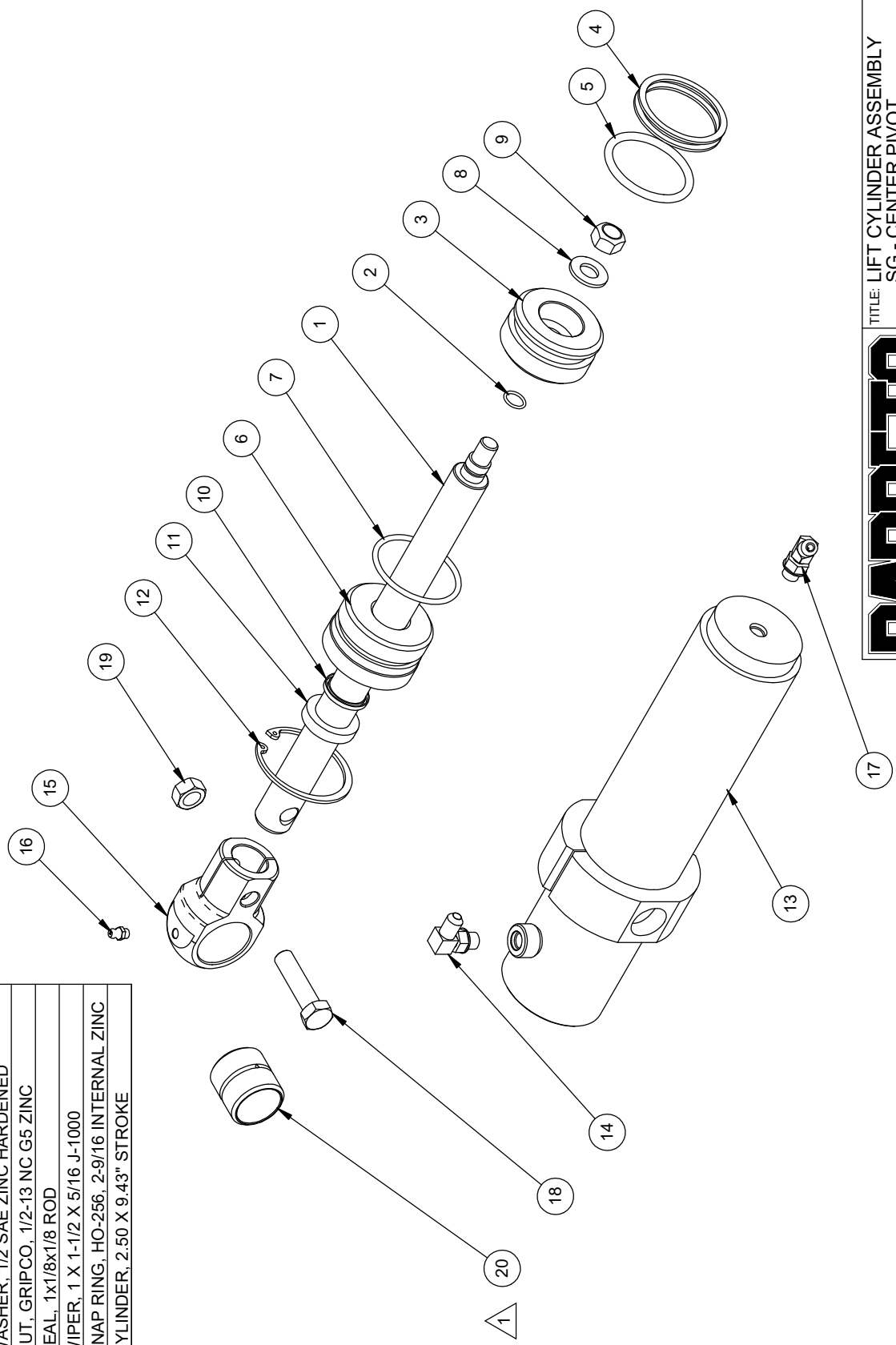
SCALE: 1:16

DWG# 00536-37

SHEET 2 OF 2

ITEM NO.	QTY.	PART NO.	DESCRIPTION	ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	02701	CYLINDER ROD	14	1	04555	FITTING, 6801-4-4
2	1	03232	O-RING, 2-014, 5/8 OD X 1/16 SECTION	15	1	02616	CYLINDER ROD END
3	1	02612	PISTON	16	1	05044	GREASE ZERK, 1/4-28 UNF
4	2	03237	BACK-UP RING, 8-330N90 PARBAK	17	1	04218	FITTING, 6802-4-4
5	1	03236	O-RING, 2-330, 2-1/2 OD X 3/16 SECTION	18	1	05251	HH CAP SCREW, 1/2-20 NF X 2 G5 ZINC
6	1	02613	CYLINDER END	19	1	05076	NUT, GRIPCO, 1/2-20 NF G5 ZINC
7	1	03234	O-RING, 2-228, 2-1/2 OD X 1/8 SECTION	20	1	03502	BUSHING, CONNEX 1.5X1.25X1
8	1	05102	WASHER, 1/2 SAE ZINC HARDENED				
9	1	05046	NUT, GRIPCO, 1/2-13 NC G5 ZINC				
10	1	03259	SEAL, 1x1/8x1/8 ROD				
11	1	03255	WIPER, 1 X 1-1/2 X 5/16 J-1000				
12	1	05211	SNAP RING, HO-256, 2-9/16 INTERNAL ZINC				
13	1	10704	CYLINDER, 2.50 X 9.43" STROKE				

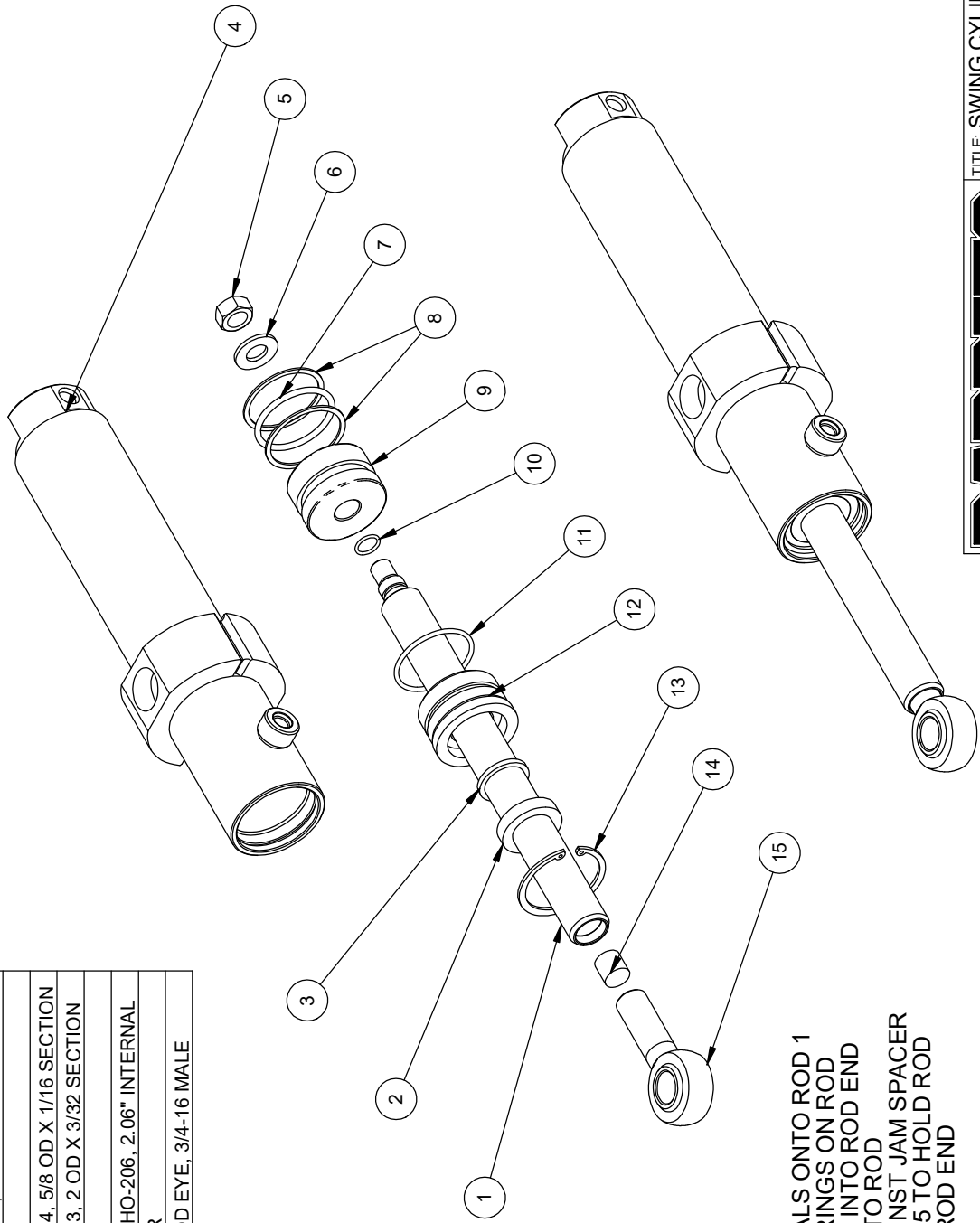
1 5-5-16 CHANGE TO STEEL BUSHING



BARRETO

TITLE: LIFT CYLINDER ASSEMBLY SG - CENTER PIVOT	
PRODUCT LINE: 30SG - CP	DATE: 10/13
SCALE: 1/4	DWG# 00537
SHEET 1 OF 1	

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	12713	CYLINDER ROD
2	1	03255	WIPER, 1 X 1-1/2 X 5/16 J-1000
3	1	03259	SEAL, 1x1/8x1/8 ROD
4	1	12708	SWING CYLINDER, CP
5	1	05046	NUT, GRIPCO, 1/2-13 NC G5 ZINC
6	1	05102	WASHER, 1/2 SAE ZINC HARDENED
7	1	10492	O-RING, 2-224, 2 OD X 1/8 SECTION
8	2	10493	BACK-UP RING, 8-224N90 PARBAK
9	1	12255	PISTON, 2"
10	1	03232	O-RING, 2-014, 5/8 OD X 1/16 SECTION
11	1	10490	O-RING, 2-133, 2 OD X 3/32 SECTION
12	1	12257	END CAP
13	1	05445	SNAP RING, HO-206, 2.06" INTERNAL
14	1	12792	JAM SPACER
15	1	12791	SPHERIC ROD EYE, 3/4-16 MALE



TO ASSEMBLE ROD 1:
 SLIDE CAP 12 WITH SEALS ONTO ROD 1
 INSTALL PISTON 9 & O-RINGS ON ROD
 INSERT JAM SPACER 14 INTO ROD END
 SCREW ROD EYE 15 INTO ROD
 TIGHTEN ROD EYE AGAINST JAM SPACER
 USE A SOCKET ON NUT 5 TO HOLD ROD
 USE RED LOCTITE ON ROD END
 60 - 70 FT-LB

BARRETO

TITLE: SWING CYLINDER ASSEMBLY
 CENTER PIVOT SG

PRODUCT LINE: 30SG - CP DATE: /08

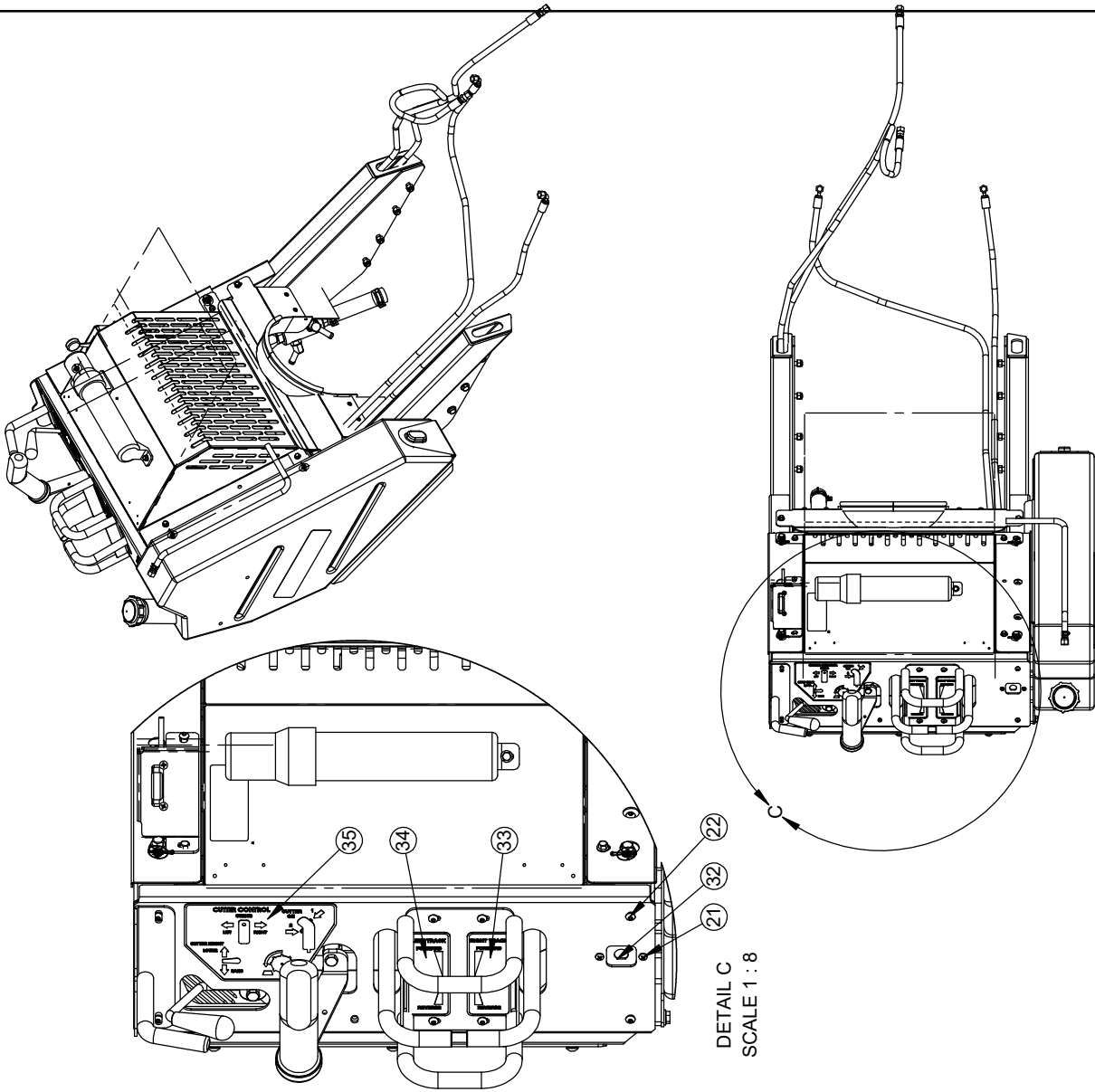
SCALE: 1:4

SHEET 1 OF 1 DWG# 00538

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	1 00540 HY	COOLER ASSEMBLY
2	1	1 13326	HAND REST
3	1	1 12332T	CONTROL PANEL
4	7	05273	NUT, NYLOCK, 5/16-18 NC ZINC
5	1	1 00497	CYLINDER VALVE ASSEM
6	1	1 12312T R1	SPEED LEVER, RIGHT
7	1	1 12311 R1	SPEED LEVER, LEFT
8	8	05554	HH CAP SCREW, 1/4-20 NC X 3/4 G5 ZINC
9	8	05096	NUT, NYLOCK, 1/4-20 NC ZINC
10	4	1 12381	IGUS FLANGE JFL-20
11	12	05081	WASHER, 1/4 SAE ZINC
12	4	05351	SH SHOULDER SCREW, 3/8 X 1/4 x 5/16-18
13	2	1 12750	SPEED LINK, TOP
14	1	1 12775	LEFT HAND REST
15	3	05175	HH CAP SCREW, 5/16-18 NC X 2-1/4 G5 ZINC
16	4	05557	HH CAP SCREW, 1/4-20 NC X 1/2 G5 ZINC
17	1	1 12751R	SPEED LINK, LOWER RT
18	1	1 12751	SPEED LINK, LOWER RT
19	4	05002	NUT, GRIPCO, 5/16-18 NC G5 ZINC
20	1	1 03515-T	THROTTLE CABLE
21	4	05233	SCREW #10-24 X 1/2 PPH
22	11	05507	BUTTON HD SOCKET CAP SCR, 1/4-20 X 1/2
23	8	05059	HH CAP SCREW, 3/8-16 NC X 1 G5 ZINC
24	8	05101	WASHER, 3/8 SAE ZINC
25	1	1 12723	SWEEP HOSE, LH
26	1	1 12726	HOSE, LEFT A / LIFT PISTON
27	1	1 12725	HOSE, LEFT B / LIFT ROD
28	8	05073	NUT, NYLOCK, 3/8-16 NC ZINC
29	1	1 12724	SWEEP HOSE, RH
30	1	1 12745 R1	CONTROL TOWER
31	1	1 12492-AS	FUSE / RELAY HOLDER ASSEM
32	1	1 11627B	IGNITION SWITCH PLATE, BRIGGS
33	1	1 04451-02	DECAL, RIGHT TRACK
34	1	1 04451-01	DECAL, LEFT TRACK
35	1	1 04451-CP-03	DECAL, CUTTER CONTROL
36	1	1 03040-02	DECAL, "BARRETO", 3-1/2 X 11-1/4
37	1	1 14372	THROTTLE MOUNT
38	4	05365	CLIP NUT, 1/4-20
39	1	1 14381	HOSE, 3/8", LIFT VALVE / FILTER
40	1	1 12461	COVER MOUNT
41	1	1 12462	BACK COVER
42	1	1 12463	TOP MOUNT
43	2	05111	BH SHOULDER SCREW, 3/8 X 3/8
44	4	05411	HHFS 1/4-20 X 1/2, G5, ZN
45	3	05359	CLIP NUT, 5/16-18
46	3	05510	BHSCS, 5/16 NC, X 1/4 ZN
47	2	05567	HHFS 5/16-18 X 3/4, G8, ZN

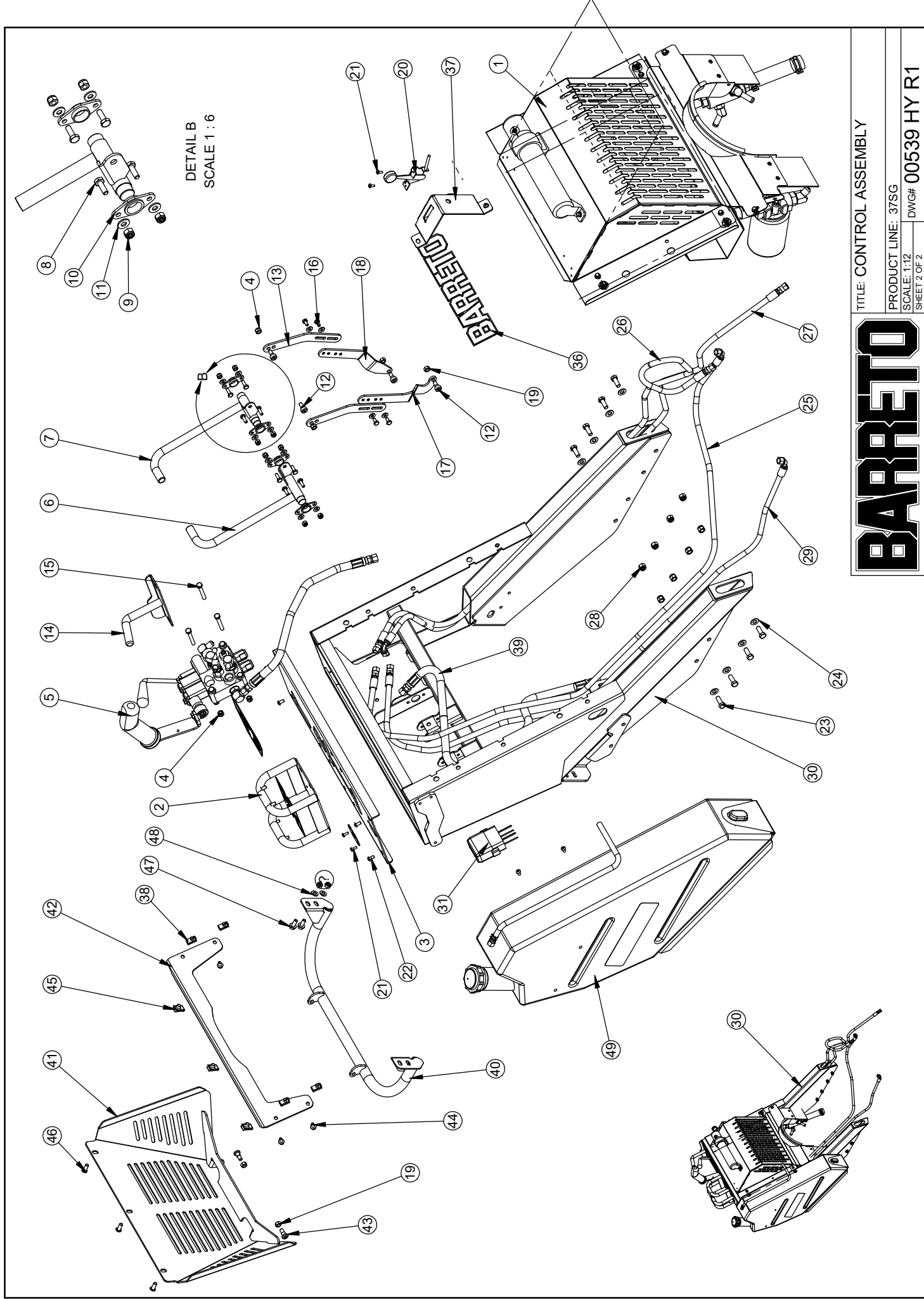
ITEM NO.	QTY.	PART NO.	DESCRIPTION
48	2	05068	WASHER, 5/16 SAE ZINC
49	1	1 00456-SG 5GASG30	5GAL TANK ASSY

RELEASE DATE	XX/XX/XXXX
REVISED DATE	NEW
REVISION #	0



BARRETO

TITLE: CONTROL ASSEMBLY
PRODUCT LINE: 37SG
SCALE: 1:16
SHEET 1 OF 2
DWG# 00539 HY R1



TITLE: CONTROL ASSEMBLY

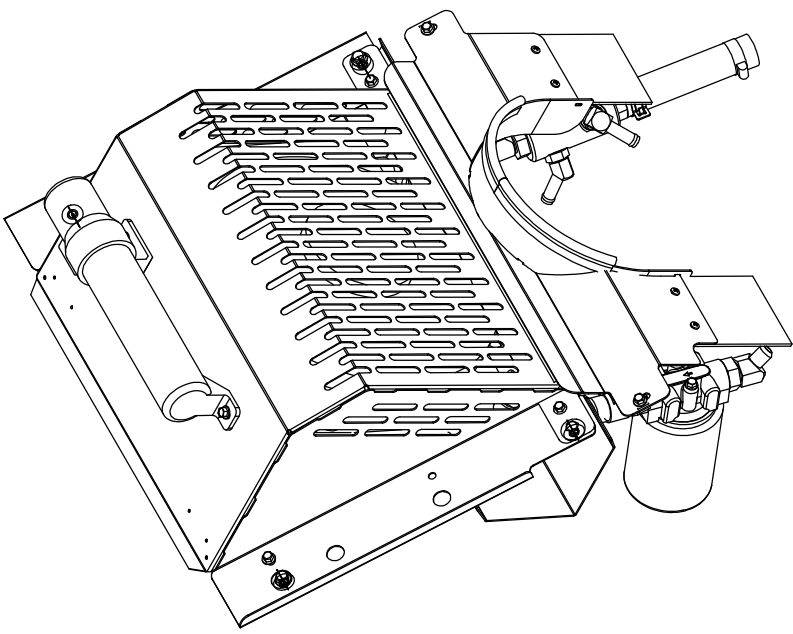
PRODUCT LINE: 37SG

SCALE: 1:6

DWG# 00539 HY R1

BARRETO

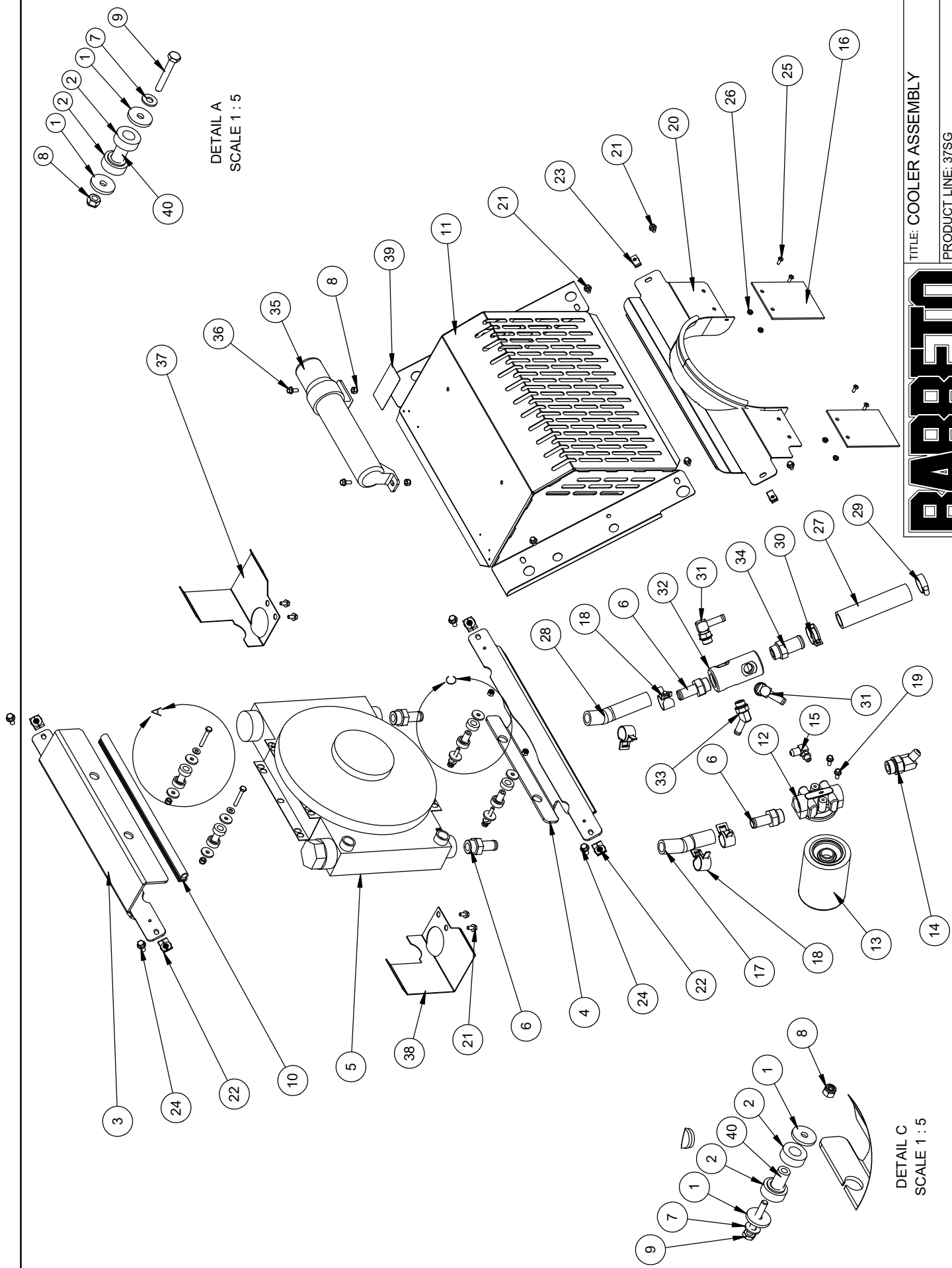
ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	8	11115	PUMP CUSHION WASHER
2	8	11113	CUSHION
3	1	14367T	TOP COOLER MOUNT
4	1	14367	BOTTOM COOLER MOUNT
5	1	12901	OIL COOLER & FAN, HYDAC 2953488, OK3H3
6	4	04219	FITTING, 4604-12-12
7	4	05081	WASHER, 1/4 SAE ZINC
8	6	05096	NUT, NYLOCK, 1/4-20 NC ZINC
9	4	05556	HH CAP SCREW, 1/4-20 NC X 1-3/4 G5 ZINC
10	1	14376-1	COOLER SEAL
11	1	14368	COOLER COVER
12	1	04212-OR-TR	FILTER HEAD, #12 O-RING, TAP RIGHT
13	1	03952	FILTER, HYDRAULIC OIL, WITH BY-PASS
14	1	04229	FITTING, 6802-8-12
15	1	04526-01	FITTING, 6801-6-4
16	2	14375	FLAP
17	1	14380	HOSE, COOLER / FILTER
18	4	05008	CLAMP, 3/4" HOSE, CTB-29
19	2	05069	WHIZ-LOCK 1/4 - 20 X 5/8
20	1	14371	DUCT
21	10	05411	HHFS 1/4-20 X 1/2, G5, ZN
22	4	05359	CLIP NUT, 5/16-18
23	2	05365	CLIP NUT, 1/4-20
24	4	05567	HHFS 5/16-18 X 3/4, G8, ZN
25	4	05233	SCREW #10-24 X 1/2 PPH
26	4	05345	NUT, NYLOCK, 10-24 NC ZINC
27	1	14378	RETURN HOSE 1"
28	1	14379	HOSE, COOLER / JUNCTION
29	1	05490	SCREW CLAMP
30	1	05225	CLAMP, 1" ID HOSE, CTB-35 ST
31	2	04572	FITTING, 4601-8-8
32	1	14377	JUNCTION
33	1	04216	FITTING, 4603-8-8
34	1	04217	FITTING, 4604-16-12
35	1	12090	INSTRUCTION CANISTER
36	2	05069	WHIZ LOCK, 1/4-20 NC X 5/8 ZINC
37	1	14370 L	AIR DAM, LEFT
38	1	14370 R	AIR DAM, RH
39	1	04440-05	DECAL, "THROTTLE CONTROL"
40	4	11114	CUSHION SPACER



RELEASE DATE	XX/XX/XXXX
REVISED DATE	NEW
REVISION #	0

BARRETO

TITLE: COOLER ASSEMBLY	
PRODUCT LINE: 37SG	
SCALE: 1:8	DWG# 00540 HY
SHEET 1 OF 2	



DETAIL A
SCALE 1 : 5

DETAIL C
SCALE 1 : 5

BARRETO

TITLE: COOLER ASSEMBLY

PRODUCT LINE: 37SG

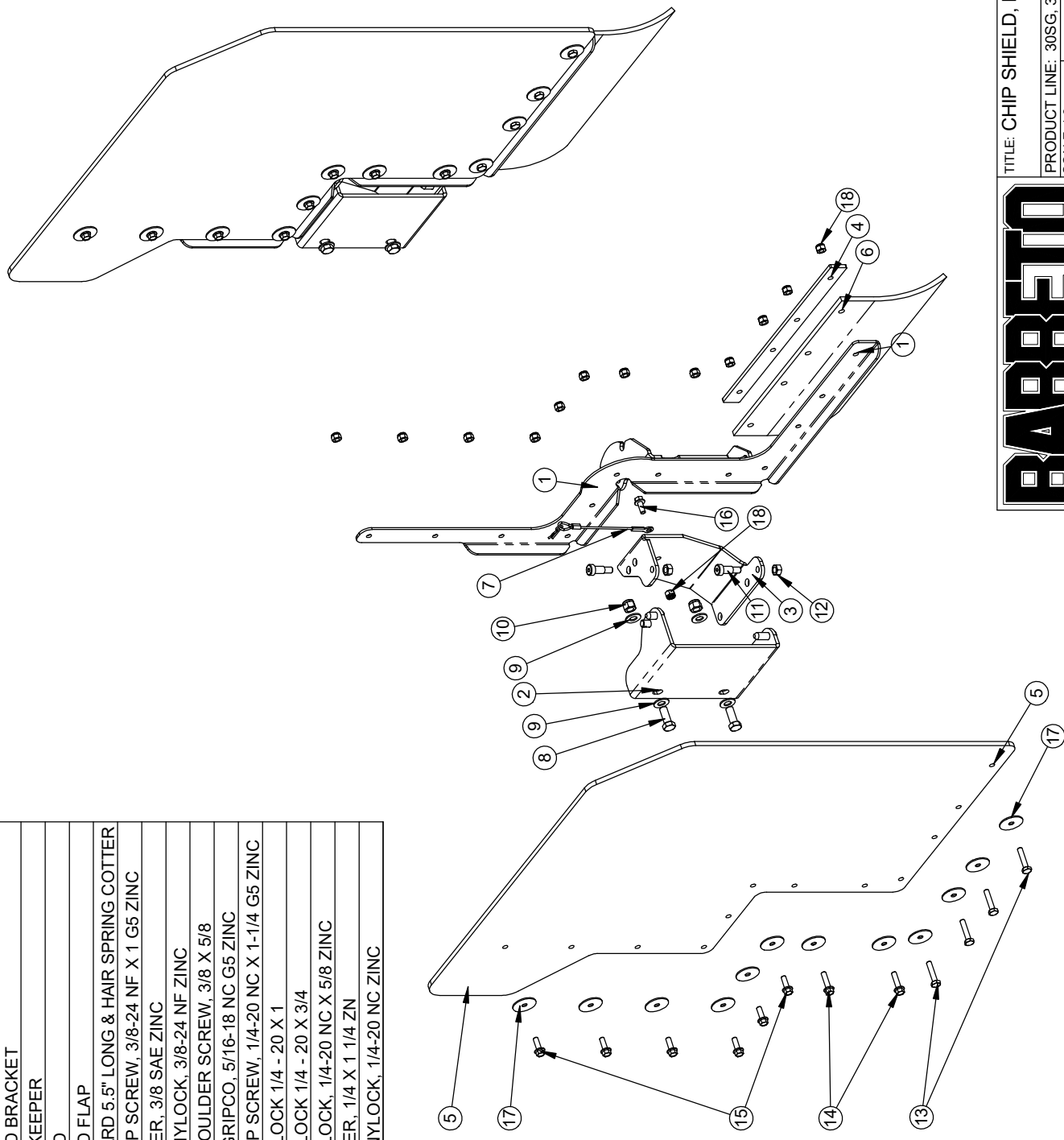
SCALE: 1:32

SHEET 2 OF 2

DWG# 00540 HY

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	12785 R1	SHIELD FRAME
2	1	12788 R1	SHIELD MOUNT
3	1	12859	SHIELD BRACKET
4	1	12797	FLAP KEEPER
5	1	12786	SHIELD
6	1	12796	SHIELD FLAP
7	1	103351	LANYARD 5.5" LONG & HAIR SPRING COTTER
8	2	05056	HH CAP SCREW, 3/8-24 NF X 1 G5 ZINC
9	4	05101	WASHER, 3/8 SAE ZINC
10	2	05072	NUT, NYLOCK, 3/8-24 NF ZINC
11	2	05356	SH SHOULDER SCREW, 3/8 X 5/8
12	2	05002	NUT, GRIPCO, 5/16-18 NC G5 ZINC
13	4	05125	HH CAP SCREW, 1/4-20 NC X 1-1/4 G5 ZINC
14	2	05368	WHIZ-LOCK 1/4 - 20 X 1
15	6	05049	WHIZ-LOCK 1/4 - 20 X 3/4
16	1	05069	WHIZ LOCK, 1/4-20 NC X 5/8 ZINC
17	12	05545	WASHER, 1/4 X 1 1/4 ZN
18	13	05096	NUT, NYLOCK, 1/4-20 NC ZINC

RELEASE DATE	7/2014
REVISED DATE	5/31/14



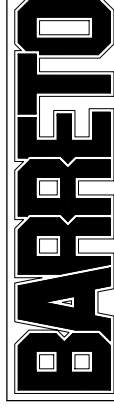
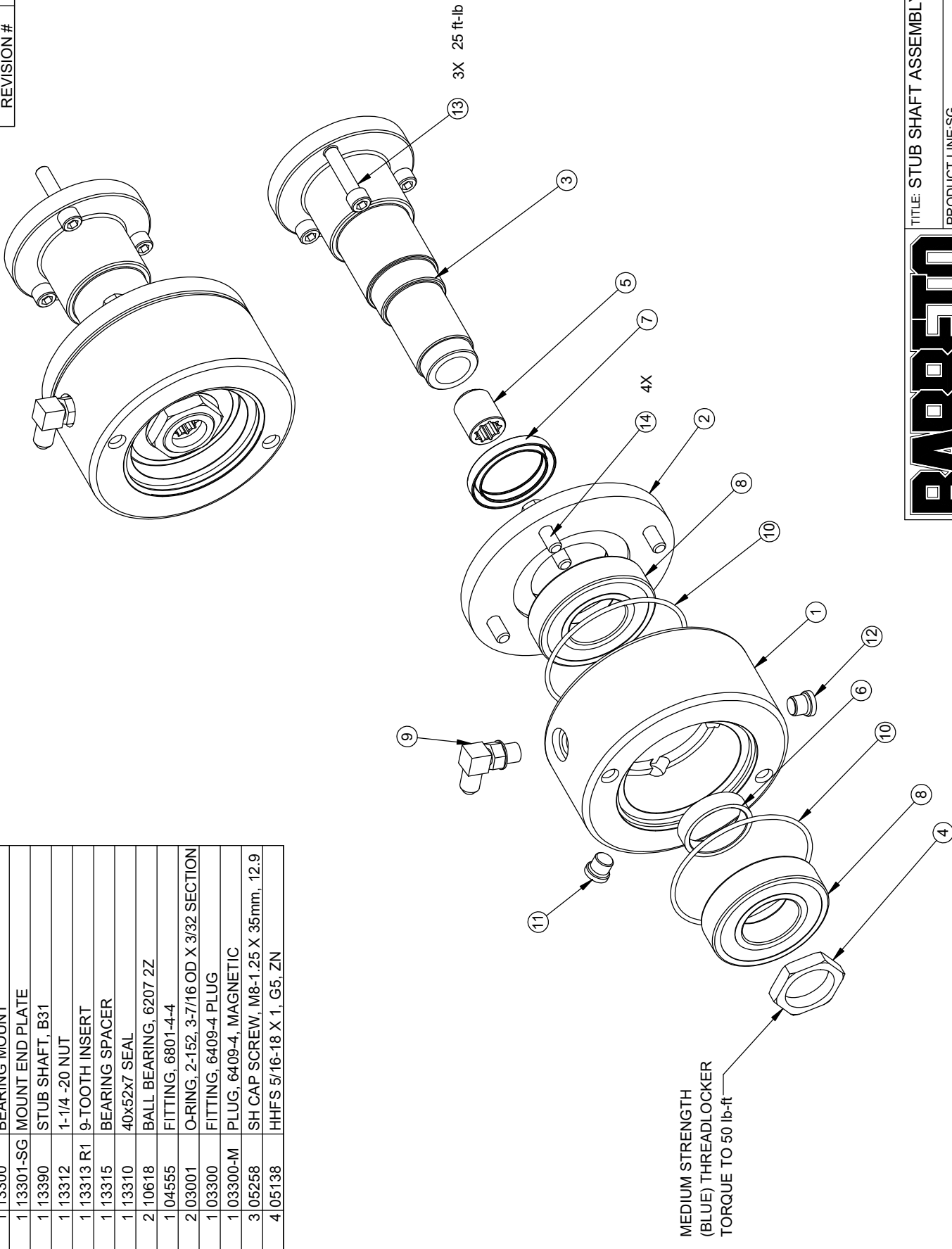
BARRETO

TITLE: CHIP SHIELD, REMOVEABLE	
PRODUCT LINE: 30SG, 35SG	DATE: 07-14
SCALE: 1:8	DWG# 00541 R1
SHEET 1 OF 1	

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	13300	BEARING MOUNT
2	1	13301-SG	MOUNT END PLATE
3	1	13390	STUB SHAFT, B31
4	1	13312	1-1/4"-20 NUT
5	1	13313 R1	9-TOOTH INSERT
6	1	13315	BEARING SPACER
7	1	13310	40x52x7 SEAL
8	2	10618	BALL BEARING, 6207 2Z
9	1	04555	FITTING, 6801-4-4
10	2	03001	O-RING, 2-152, 3-7/16 OD X 3/32 SECTION
11	1	03300	FITTING, 6409-4 PLUG
12	1	03300-M	PLUG, 6409-4, MAGNETIC
13	3	05258	SH CAP SCREW, M8-1.25 X 35mm, 12.9
14	4	05138	HHFS 5/16-18 X 1, G5, ZN

RELEASE DATE	6/16/2016
REVISED DATE	4/26/17
REVISION #	2

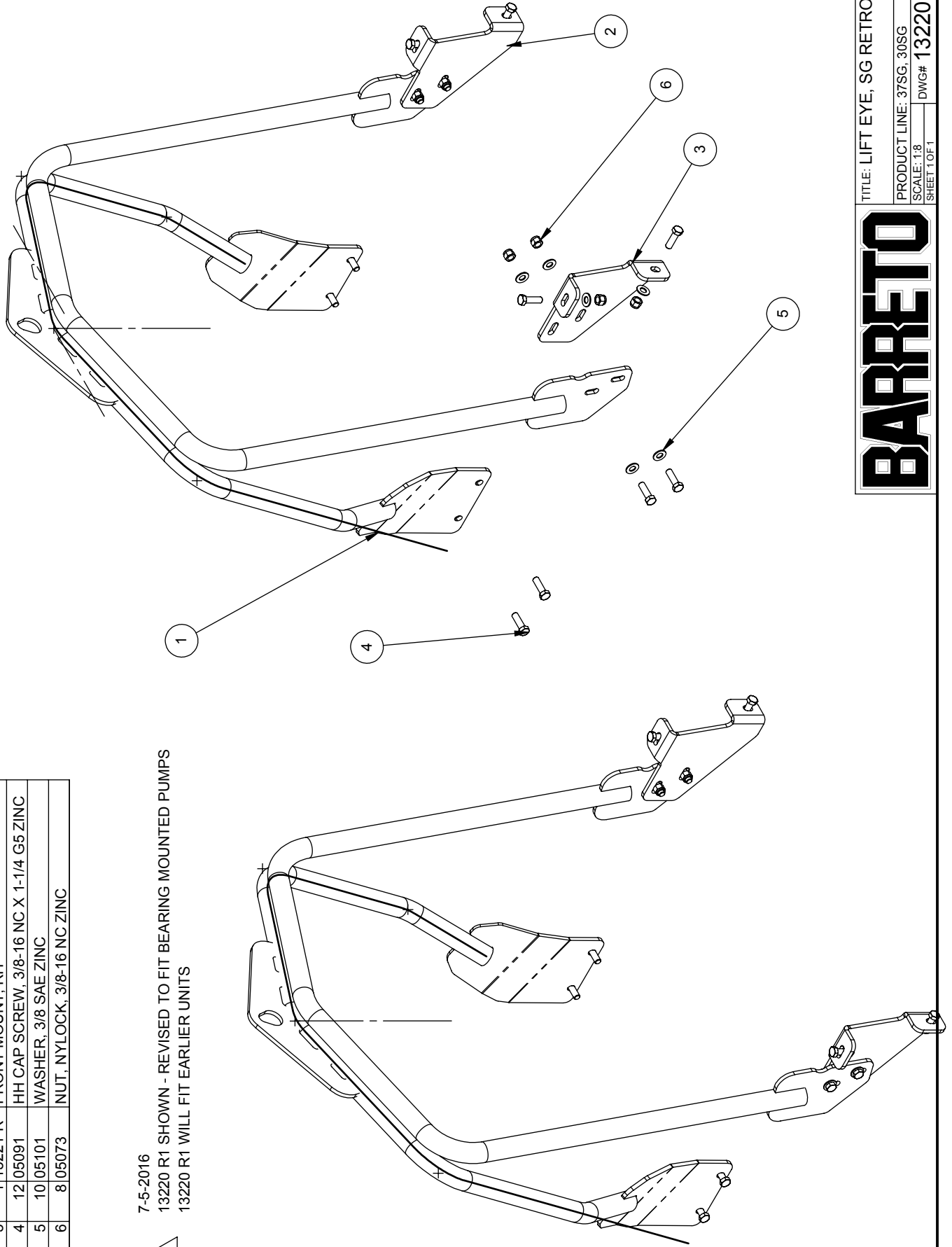
FILL WITH 1.5 OZ OF ANY AUTOMATIC TRANSMISSION FLUID (ATF)



TITLE: STUB SHAFT ASSEMBLY, BRIGGS	
PRODUCT LINE: SG	DWG# 00605-B-SG
SCALE: 1:3	SHEET 1 OF 1

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	13220 R1	LIFT EYE, SG
2	1	13221-L	FRONT MOUNT, LH
3	1	13221-R	FRONT MOUNT, RH
4	12	05091	HH CAP SCREW, 3/8-16 NC X 1-1/4 G5 ZINC
5	10	05101	WASHER, 3/8 SAE ZINC
6	8	05073	NUT, NYLOCK, 3/8-16 NC ZINC

7-5-2016
 13220 R1 SHOWN - REVISED TO FIT BEARING MOUNTED PUMPS
 13220 R1 WILL FIT EARLIER UNITS



BARRETO

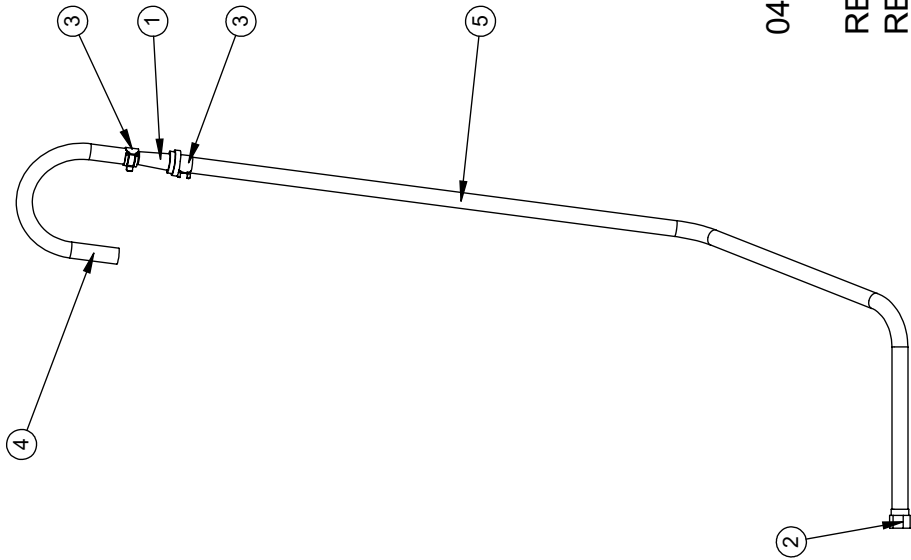
TITLE: LIFT EYE, SG RETRO-BOLT-ON

PRODUCT LINE: 375G, 30SG DATE: 15-15

SCALE: 1:8 DWG# 13220-ASSEM

SHEET 1 OF 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	RELEASE DATE	11/27/2018
1	04516	BREATHER, FILTER SNAPPER 1435	1	REVISED DATE	NEW
2	04214	FITTING, JS-4-4, HOSE BARB 1/4 X 1/4 SWIVEL	1	REVISION #	0
3	03062-06	CLAMP, 1/4" FUEL LINE	2		
4	10365-2	VENT HOSE	1		
5	13483-1	VENT HOSE	1		



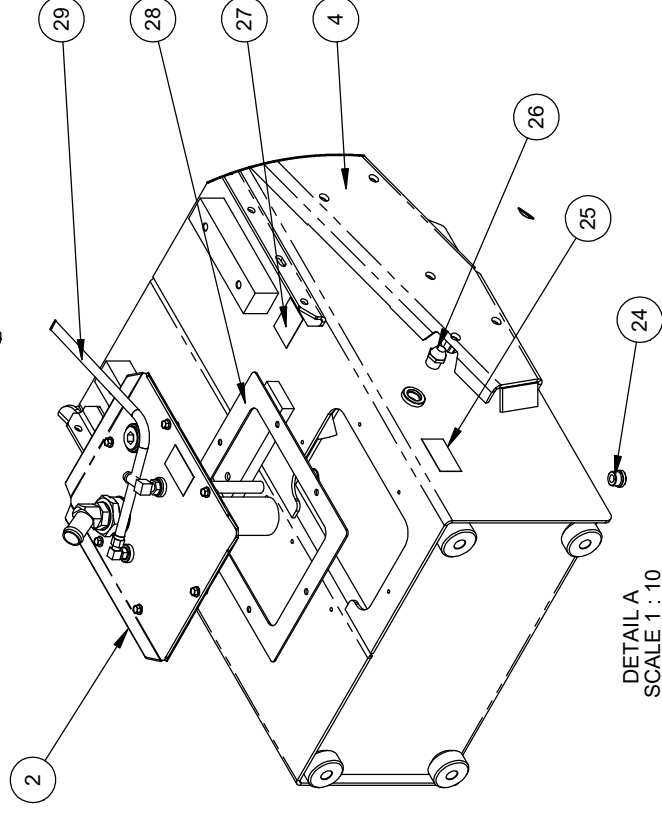
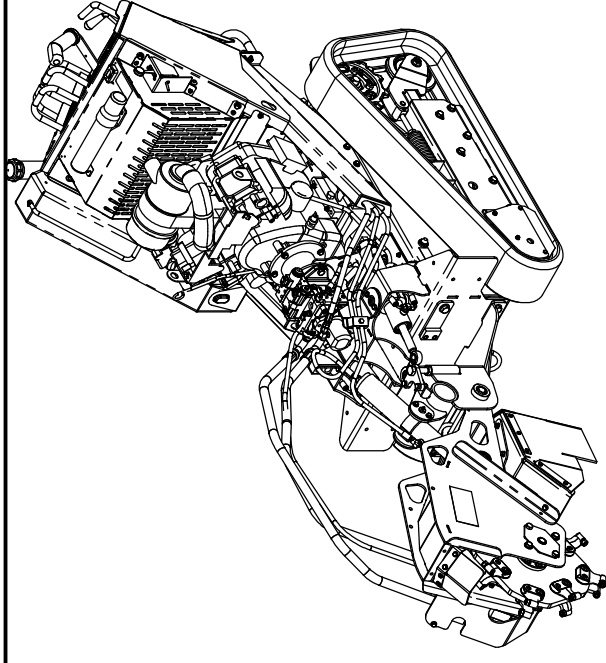
04295 HOSE, 1/4" GASOLINE, DL504

REF. 4: CUT LENGTH 6"
REF. 5: CUT LENGTH 20"

BARRETO

TITLE: VENT HOSE ASSEMBLY- SG	PRODUCT LINE: 30SG, 37SG
SCALE: 1:12	DWG# 13483
SHEET 1 OF 1	

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	00536-37	CUTTER HEAD ASSEMBLY
2	1	00499-SG37	LID ASSEMBLY
3	1	00535	PIVOT HEAD
4	1	01270S2	BODY, STUMP CUTTER
5	1	00539 HY	CONTROL ASSEMBLY
6	1	00390-BS37	ENGINE / PUMPS ASSEM., B&S 30
7	1	00537	CYLINDER ASSEMBLY
8	1	00334-SG2	CARRIAGE, RIGHT
9	1	00326-SG	WEIGHT & BATTERY OPTIONS
10	1	00333-SG2	CARRIAGE, LEFT
11	4	11155	ROLLER SPACER, SHORT
12	2	00366	MID ROLLER ASSY
13	2	11447	HH CAP SCREW, 1/2-13 NC X 2-1/2 G5 ZN
14	8	05323	HH CAP SCREW, 1/2-13 NC X 1-1/4 G5 ZINC
15	2	10964	TRACK, 180 X 36 X 72
16	4	05129	HH CAP SCREW, 1/2-13 NC X 1-3/4 G5 ZINC
17	13	05102	WASHER, 1/2 SAE ZINC HARDENED
18	2	10874	TRACK SPROCKET
19	8	05042	NUT, LUG, 1/2-20 NF
20	1	12758	HOSE, PUMP TOP / MOTOR FRONT
21	1	12759	HOSE, PUMP BOTTOM / MOTOR REAR
22	2	04451-17	DECAL, "37-SG"
23	1	12757	MOTOR CASE DRAIN
24	1	10361	FITTING, 6409-8 PLUG
25	1	03040-57	DECAL, "HYDRAULIC OIL LEVEL"
26	1	03503	SIGHT GAUGE
27	1	04451-08	DECAL, S/N, SG
28	1	11178	LID GASKET
29	1	11239	VENT HOSE ASSEMBLY



DETAIL A
SCALE 1 : 10

BARRETO

TITLE: MACHINE ASSEMBLIES
E37SG

PRODUCT LINE: 37SG

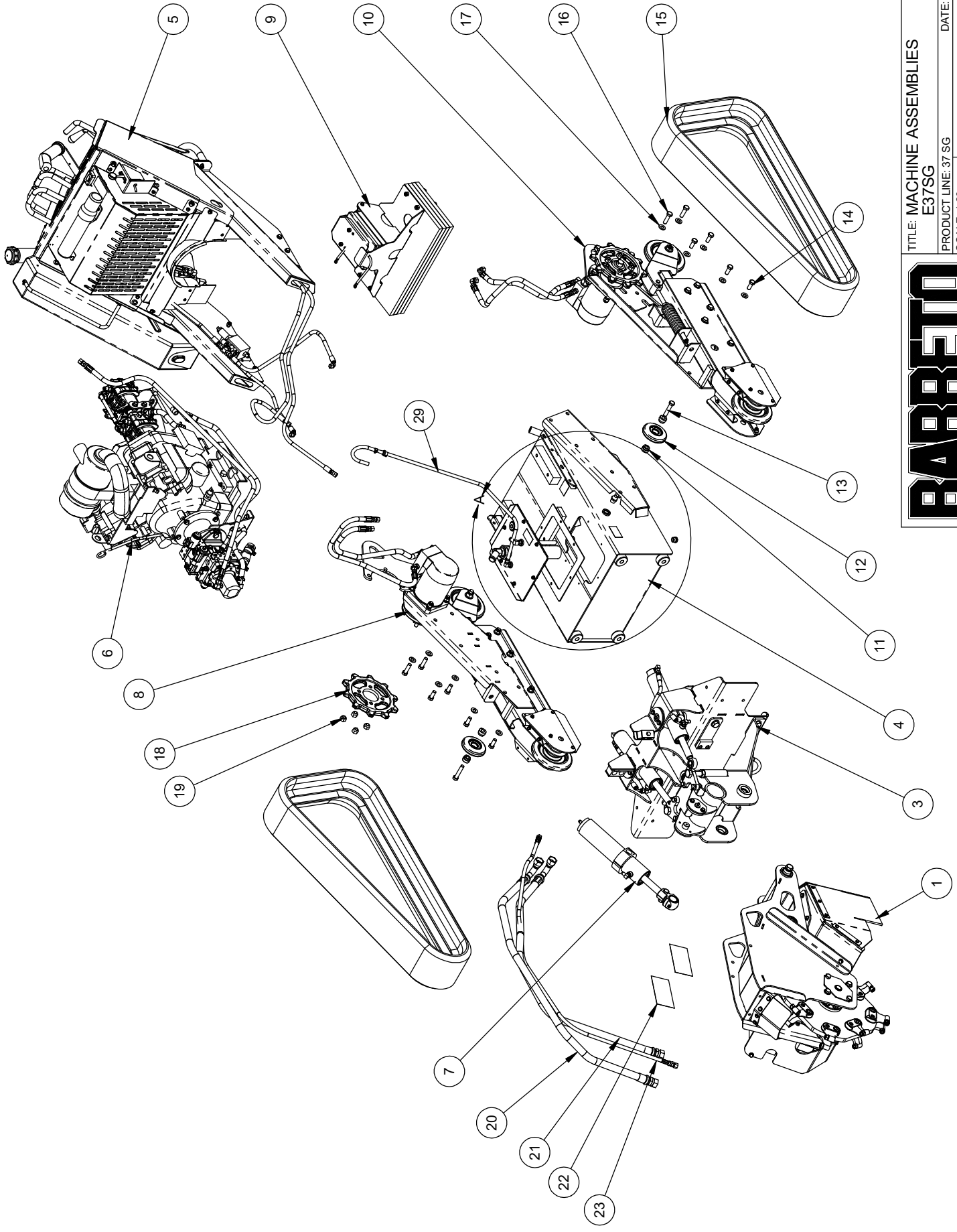
SCALE: 1:24

DATE: 02-2014

SHEET 1 OF 2

DWG#

E37SG



TITLE: MACHINE ASSEMBLIES
E37SG

PRODUCT LINE: 37 SG

SCALE: 1:20

DATE: 02-2014

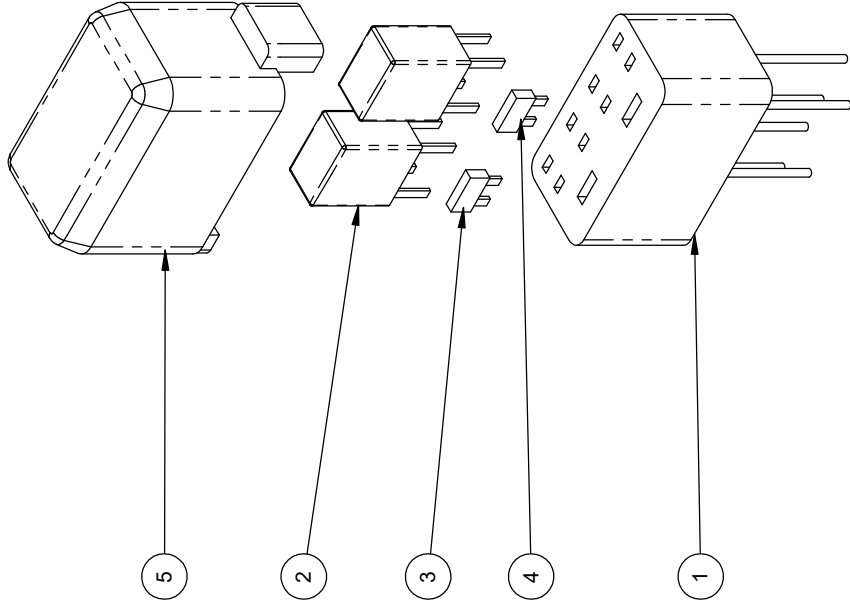
DWG# E37SG

SHEET 2 OF 2

BARRETO

NORMALLY PURCHASED AS ENTIRE UNIT BUT CAN BE ASSEMBLED IF NEEDED

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	12492	FUSE / RELAY HOLDER & WIRES
2	2	12493	RELAY
3	1	12494	FUSE, 5A
4	1	12405	FUSE, 25A
5	1	12492-1	COVER



BARRETO

TITLE: FUSE / RELAY HOLDER ASSEM

PRODUCT LINE: 30SG, 37SG DATE: 7 / 13

SCALE: 1:2 DWG# 12492-AS

SHEET 1 OF 1

37 SG HOSE LIST

1/4"

<u>Part#</u>	<u>Length</u>	<u>Fittings</u>	<u>Description</u>
12761	21"	1-ST, 1-45	PUMP SIGNAL TO UNLOADER
12722	24"	1-ST, 1-90	CYLINDER CROSS OVER, TAKES 2
12724B	18"	1-ST, 1-90	RH SWING CYL. BOTTOM TEE TO RH UNLOADER
12723B	27 1/2"	1-ST, 1-90	LH SWING CYL. BOTTOM TEE TO LH UNLOADER
12723A	42"	2-ST	LH UNLOADER TOP TO RH CYL. VALVE TOP
12723A	42"	2-ST	RH UNLOADER TOP TO RH CYL. VALVE BOTTOM
12725-37	86 1/2"	1-ST, 1-90	LIFT CYL. ROD END TO LH CYL. VALVE BOTTOM
12726-37	79"	2-ST	LIFT CYL PISTON END TO LH CYL. VALVE TOP

3/8"

14381	19"	1-ST, 1-90	ENGINE DRAIN
12765	18 1/2"	1-ST, 1-90	REAR HYD. LH TO LH TRACK DR. BOTTOM
14381	19"	1-ST, 1-90	REAR HYD. RH TO LH TRACK DR. TOP
12764	15 1/2"	2-ST	FRONT HYD. LH TO RH TRACK DR. TOP
12763	25"	2-ST	FRONT HYD. RH TO RH TRACK DR. BOTTOM
14381	19"	1-ST, 1-90	CYL. VALVE OUT TO FILTER HEAD
14382	56"	1-ST, 1-90	CYL. VALVE IN TO FRONT PUMP RH, 90 END
12773	32"	1-ST, 1-90	JUNCTION TO FRONT PUMP LH
12757	62"	1-ST, 1-90	CASE DRAIN TO PUMP TEE
12773	32"	1-ST, 1-90	HYD. RETURN TO LID

1/2"

12760	27"	2-ST	PUMP RETURN TO FILTER HEAD
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3/4"

12758	55"	1-ST, 1-90	PUMP TOP TO MOTOR FRONT
12759	48"	1-ST, 1-90	PUMP BOTTOM TO MOTOR REAR