



PARTS DRAWING



**31hp Hydraulic Tracked
Stump Grinder**

**Product Code:
BARSTG**



Serial Number Range:

From:

To:

Year Of Manufacture: 2024

***Please note, when ordering online via our website if the part number is not recognised,
please Email spares@hscgroupuk.co.uk or Telephone 0115 946 1988**

KEEP THIS BOOKLET FOR FUTURE REFERENCE

Nottingham: 0115 946 1988 • London: 0208 830 3333 ✉ Nottingham: sales@hscgroupuk.co.uk • London: sean@hscgroupuk.co.uk 🌐 www.hscgroupuk.co.uk

The Hire Supply Company Terms & Conditions Apply At All Time E&OE

THE
BARRETO

MODEL E30SG 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 machine, 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
La Grande, OR 97850
1-800-525-7348
1-541-963-6755 Fax
E-Mail: info@barretomfg.com
Web Site: <http://www.barretomfg.com>

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

Machine Identification Record

BARRETO Customer number _____

Machine model number _____

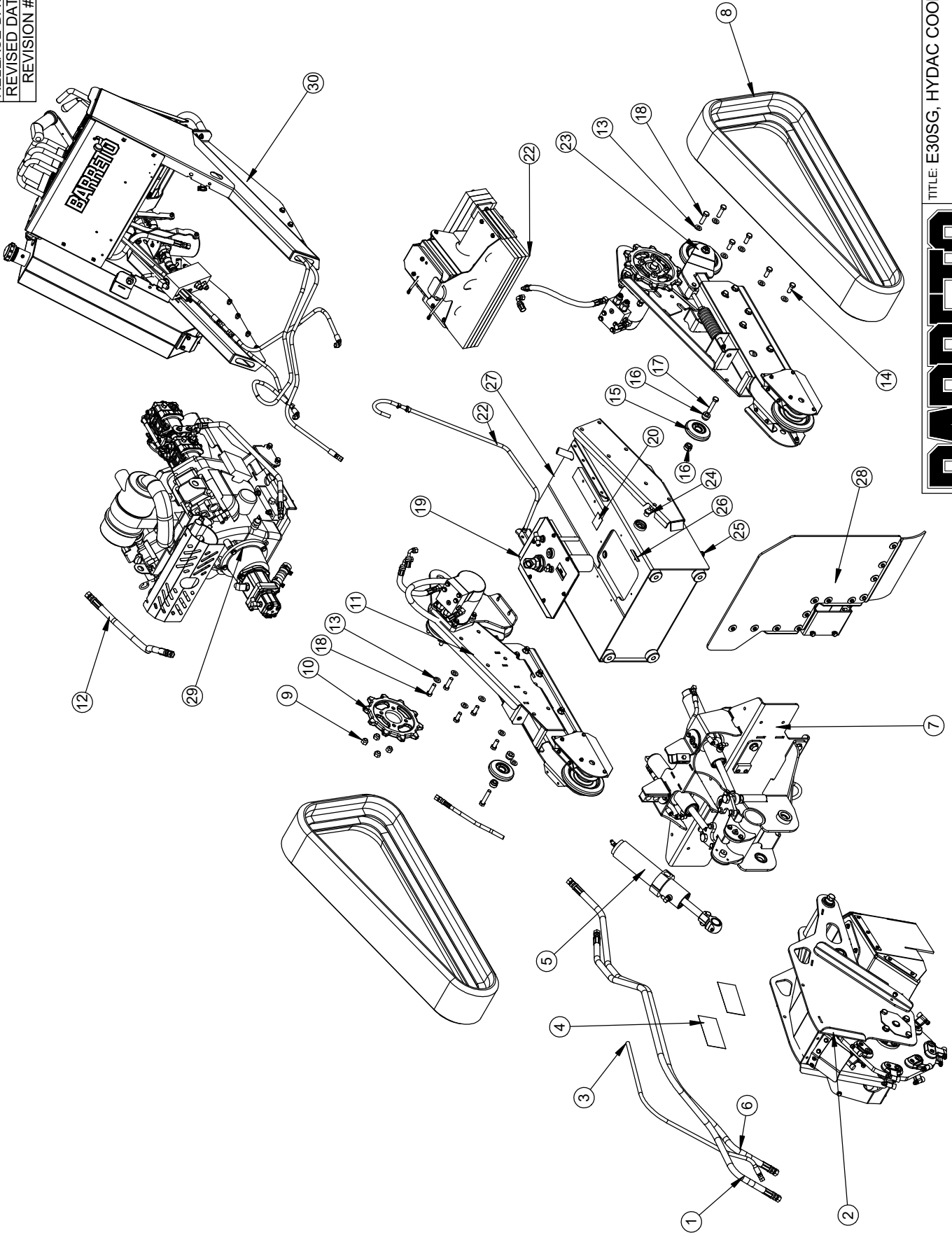
Machine serial number _____

Engine manufacturer _____

Engine model number _____

Engine serial number _____

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



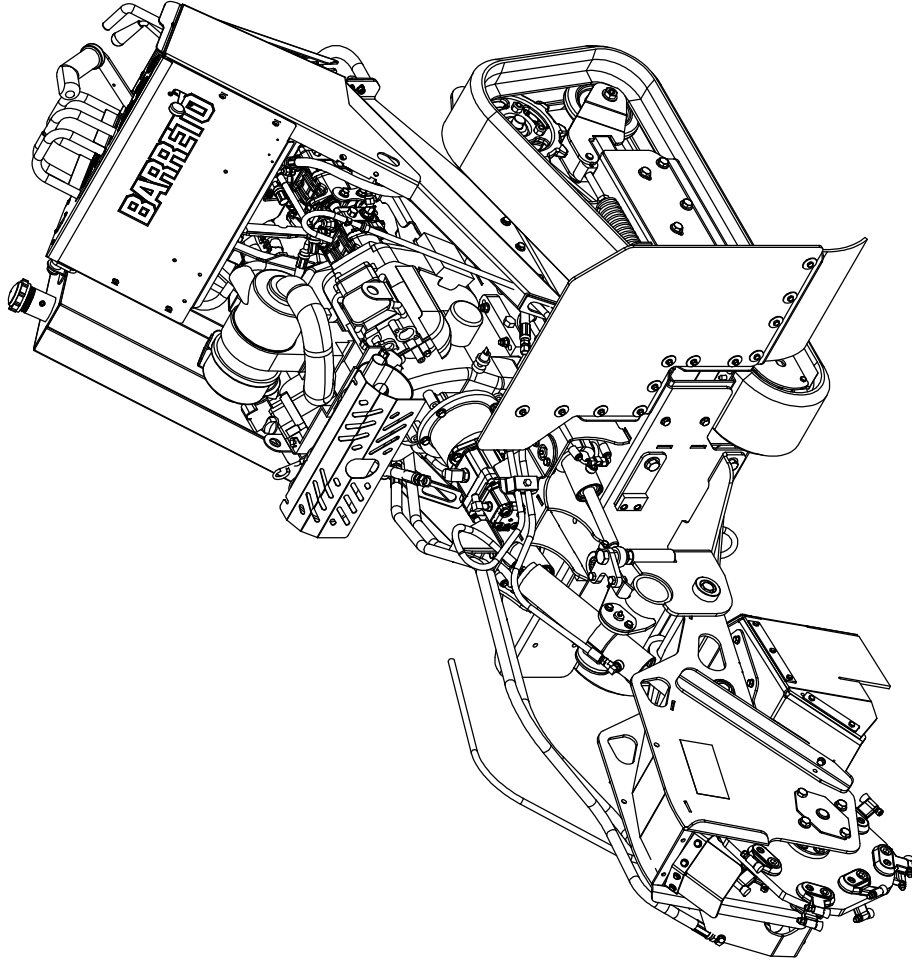
TITLE: E30SG, HYDAC COOLER



PRODUCT LINE:
SCALE: 1:20
SHEET 1 OF 2

DWG# E30SG-HYD

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	12364CP	HOSE, VALVE MID / MOTOR FRONT
2	1	100536	CUTTER HEAD ASSEMBLY
3	1	12385CP	HOSE, CASE DRAIN
4	2	04451-04	DECAL, "30-SG"
5	1	100537	CYLINDER ASSEMBLY
6	1	12365CP	HOSE, VALVE LOWER / MOTOR REAR
7	1	100535	PIVOT HEAD
8	2	10964	TRACK, 180 X 36 X 72
9	8	05042	NUT, LUG, 1/2-20 NF
10	2	10874	TRACK SPROCKET
11	1	100334-SG	CARRIAGE, RIGHT
12	1	12358T	HOSE, PUMP - CUTTER VALVE
13	13	05102	WASHER, 1/2 SAE ZINC HARDENED
14	8	05323	HH CAP SCREW, 1/2-13 NC X 1-1/4 G5 ZINC
15	2	100366	MID ROLLER ASSY
16	4	11155	ROLLER SPACER, SHORT
17	2	11447	HH CAP SCREW, 1/2-13 NC X 2-1/2 G5 ZN
18	4	05129	HH CAP SCREW, 1/2-13 NC X 1-3/4 G5 ZINC
19	1	100499CP	LID ASSEMBLY
20	1	103341-18	DECAL, S/N, 2WD
21	1	11239	VENT HOSE ASSEMBLY
22	1	100326	WEIGHT & BATTERY OPTIONS
23	1	100333-SG	CARRIAGE, LEFT
24	1	103503	SIGHT GAUGE
25	1	10361	FITTING, 6409-8 PLUG
26	1	103040-57	DECAL, "HYDRAULIC OIL LEVEL"
27	1	101270S	FRAME, STUMP CUTTER
28	1	100541 R1	CHIP SHIELD
29	1	100390-0BB-BS30	ENGINE / PUMPS ASSEM., B&S 30
30	1	100539 HY-30	CONTROL ASSEMBLY



BARRETO

TITLE: E30SG, HYDAC COOLER

PRODUCT LINE:

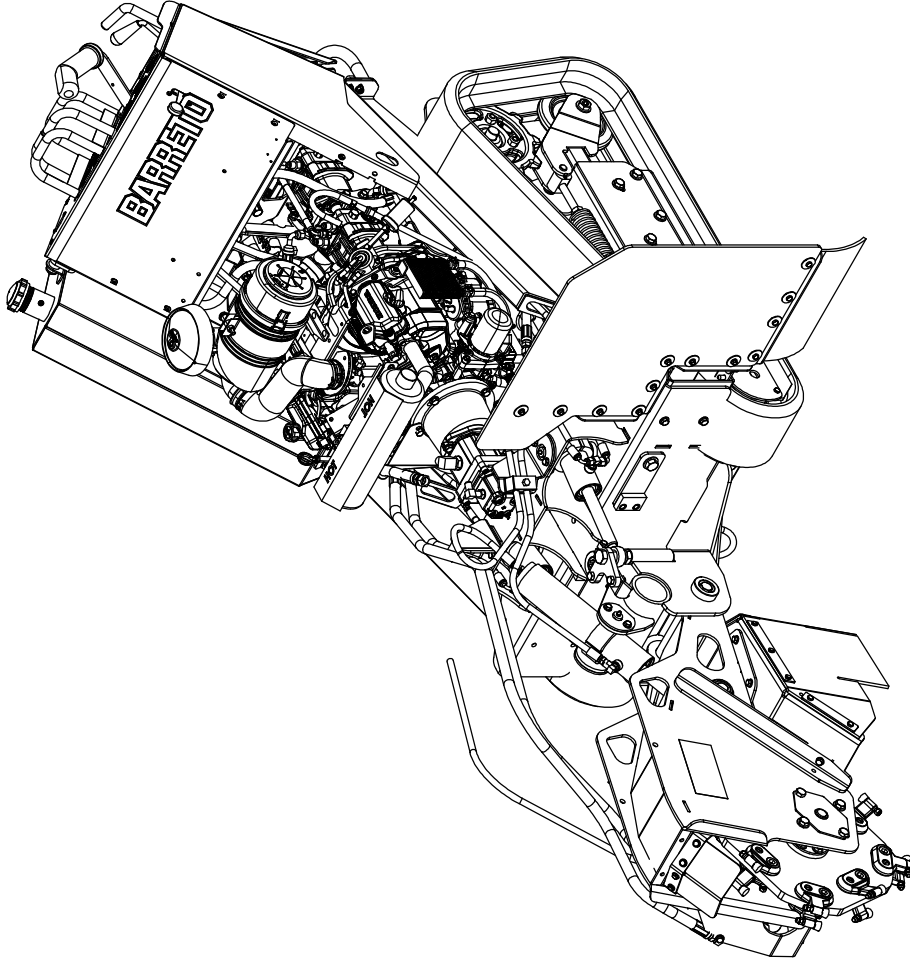
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SHEET 2 OF 2

DWG# E30SG-HYD

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

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	12364CP	HOSE, VALVE MID / MOTOR FRONT
2	1	100536	CUTTER HEAD ASSEMBLY
3	1	12385CP	HOSE, CASE DRAIN
4	2	04451-04	DECAL, "30-SG"
5	1	100537	CYLINDER ASSEMBLY
6	1	12365CP	HOSE, VALVE LOWER / MOTOR REAR
7	1	100535	PIVOT HEAD
8	2	10964	TRACK, 180 X 36 X 72
9	8	05042	NUT, LUG, 1/2-20 NF
10	2	10874	TRACK SPROCKET
11	1	100334-SG	CARRIAGE, RIGHT
12	1	12358T	HOSE, PUMP - CUTTER VALVE
13	13	05102	WASHER, 1/2 SAE ZINC HARDENED
14	8	05323	HH CAP SCREW, 1/2-13 NC X 1-1/4 G5 ZINC
15	2	100366	MID ROLLER ASSY
16	4	11155	ROLLER SPACER, SHORT
17	2	11447	HH CAP SCREW, 1/2-13 NC X 2-1/2 G5 ZN
18	4	05129	HH CAP SCREW, 1/2-13 NC X 1-3/4 G5 ZINC
19	1	100499CP	LID ASSEMBLY
20	1	103341-18	DECAL, S/N, 2WD
21	1	11239	VENT HOSE ASSEMBLY
22	1	100539 HY-30	CONTROL ASSEMBLY
23	1	100326	WEIGHT & BATTERY OPTIONS
24	1	100333-SG	CARRIAGE, LEFT
25	1	103503	SIGHT GAUGE
26	1	10361	FITTING, 6409-8 PLUG
27	1	103040-57	DECAL, "HYDRAULIC OIL LEVEL"
28	1	101270S	FRAME, STUMP CUTTER
29	1	100541 R1	CHIP SHIELD
30	1	100390-IGX800	ENGINE / PUMPS ASSEM., HONDA IGX800



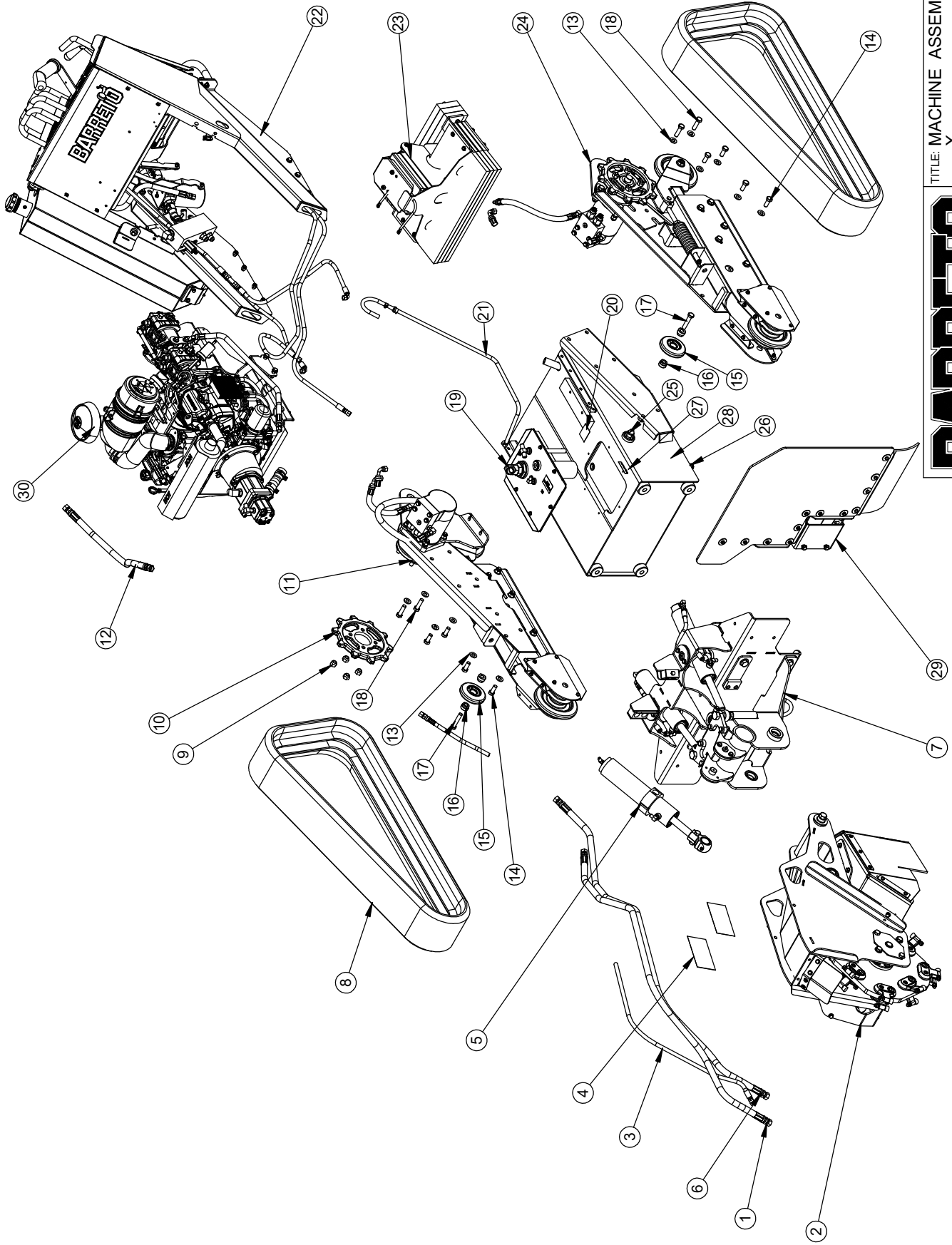
BARRETO

TITLE: MACHINE ASSEMBLIES

PRODUCT LINE: 30SG HONDA 800

SCALE: 1:16
SHEET 1 OF 2

DWG# E30SG-H



TITLE: MACHINE ASSEMBLIES
X

PRODUCT LINE: 30SG

SCALE: 1:20

SHEET 2 OF 2

DATE:

DWG# E30SG-H

BARRETO

TITLE: CARRIAGE, LEFT

PRODUCT LINE: SG

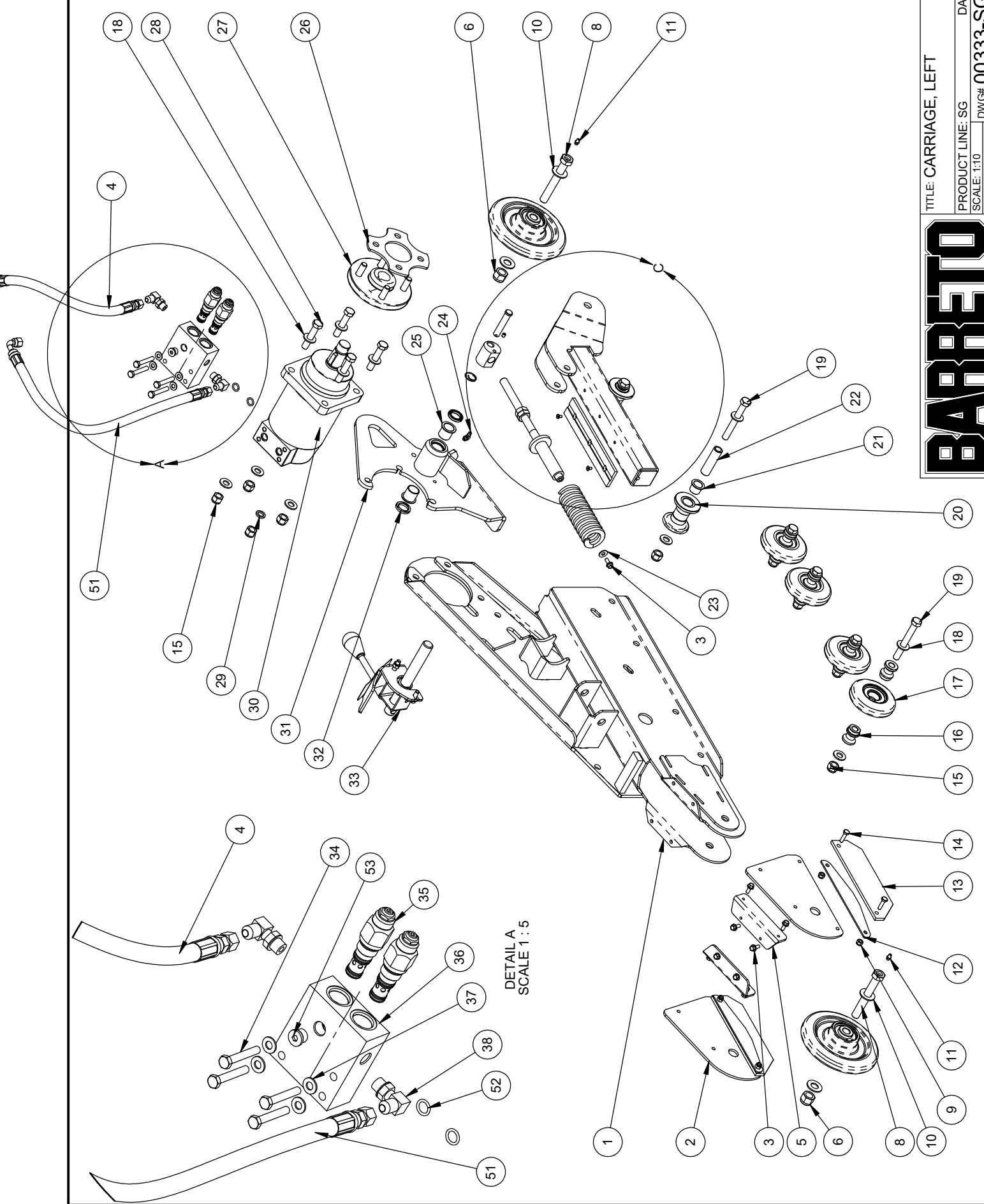
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SCALE: 1:10

SHEET 1 OF 2

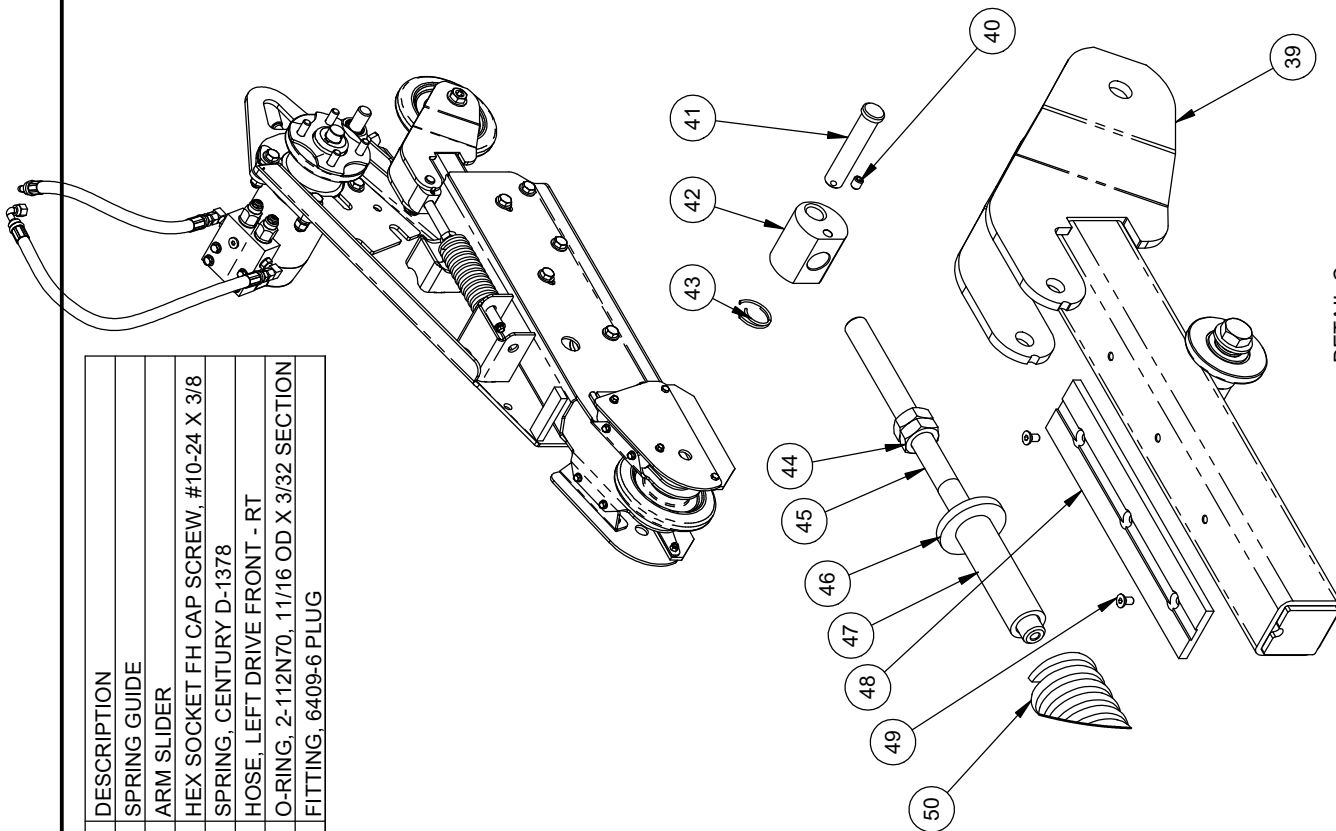
DWG# 00333-SG

BARRETT



DETAIL A
SCALE 1 : 5

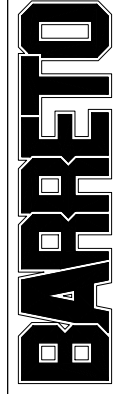
ITEM NO.	QTY.	PART NO.	DESCRIPTION	ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	10849-L R1	LEFT CARRIAGE	47	1	11470	SPRING GUIDE
2	2	11247	ROLLER GUARD	48	1	10910	ARM SLIDER
3	9	05069	WHIZ LOCK, 1/4-20 NC X 5/8 ZINC	49	2	05084	HEX SOCKET FH CAP SCREW, #10-24 X 3/8
4	1	12369	HOSE, LEFT DRIVE REAR - PUMP LH	50	1	11674	SPRING, CENTURY D-1378
5	2	11251	ROLLER GUARD MOUNT	51	1	12338	HOSE, LEFT DRIVE FRONT - RT
6	2	05099	NUT, NYLOCK, 5/8-11 NC ZINC	52	2	03226	O-RING, 2-112N70, 11/16 OD X 3/32 SECTION
7	2	00335	IDLER ASSEMBLY	53	1	103302	FITTING, 6409-6 PLUG
8	2	11490	ROLLER AXLE, 5/8 X 4-1/2"				
9	4	05096	NUT, NYLOCK, 1/4-20 NC ZINC				
10	4	05272	WASHER, 5/8 SAE ZINC HARDENED				
11	2	05044	GREASE ZERK, 1/4-28 UNF				
12	2	11474	FLAP BACKING				
13	2	11475	FLAP				
14	4	05237	HH CAP SCREW, 1/4-20 NC X 1 G5 ZINC				
15	10	05098	NUT, NYLOCK, 1/2-13 NC ZINC				
16	8	11144	ROLLER SPACER				
17	4	00366	MID ROLLER ASSY				
18	19	05102	WASHER, 1/2 SAE ZINC HARDENED				
19	6	05590	HH CAP SCREW, 1/2-13 NC X 4 G5 ZINC				
20	2	10907	ARM ROLLER				
21	4	10272	BUSHING, IGUS MFI-1214-12				
22	2	10908	SPACER				
23	1	05078	WASHER, 1/4 USS ZINC				
24	1	05307	GREASE ZERK, 1/4-28 UNF 90°				
25	2	11680	BUSHING, IGUS LFI-1416-16				
26	1	12354	SPROCKET SHIM				
27	1	10827	WHEEL HUB, 1-1/4" TAPERED, SOLID				
28	4	11447	HH CAP SCREW, 1/2-13 NC X 2-1/2 G5 ZN				
29	1	03290	SPACER WASHER, .532 X .750 X .125				
30	1	04029	MOTOR, PARKER TF 0240WE080				
31	1	11462-L	WEIGHT MOUNT, E-BRAKE				
32	2	11711	ROD WIPER, .875 X 1.25 X .188				
33	1	00458-SG	PARK BRAKE ASSEMBLY				
34	4	05566	HH CAP SCREW, 5/16-18 NC X 2 G5 ZINC				
35	2	04405	C-BALANCE CARTRIDGE, CB10-HV				
36	1	12329	C-BALANCE MANIFOLD, SDC10-3S				
37	4	05068	WASHER, 5/16 SAE ZINC				
38	2	04538	FITTING, 6801-6-6				
39	1	10876	IDLER ARM				
40	1	05021	SET SCREW, 1/4-20 UNC X 5/16, CUP POINT				
41	1	05250	CLEVIS PIN, 1/2 X 2-1/2 ZINC				
42	1	11156	TENSIONER END				
43	1	05039-7	CIRCLE COTTER, CC-7				
44	2	10707	NUT, JAM, 5/8-11 NC ZINC				
45	1	11170	TENSIONER STUD				
46	1	11157	WASHER, TENSION SPRING				

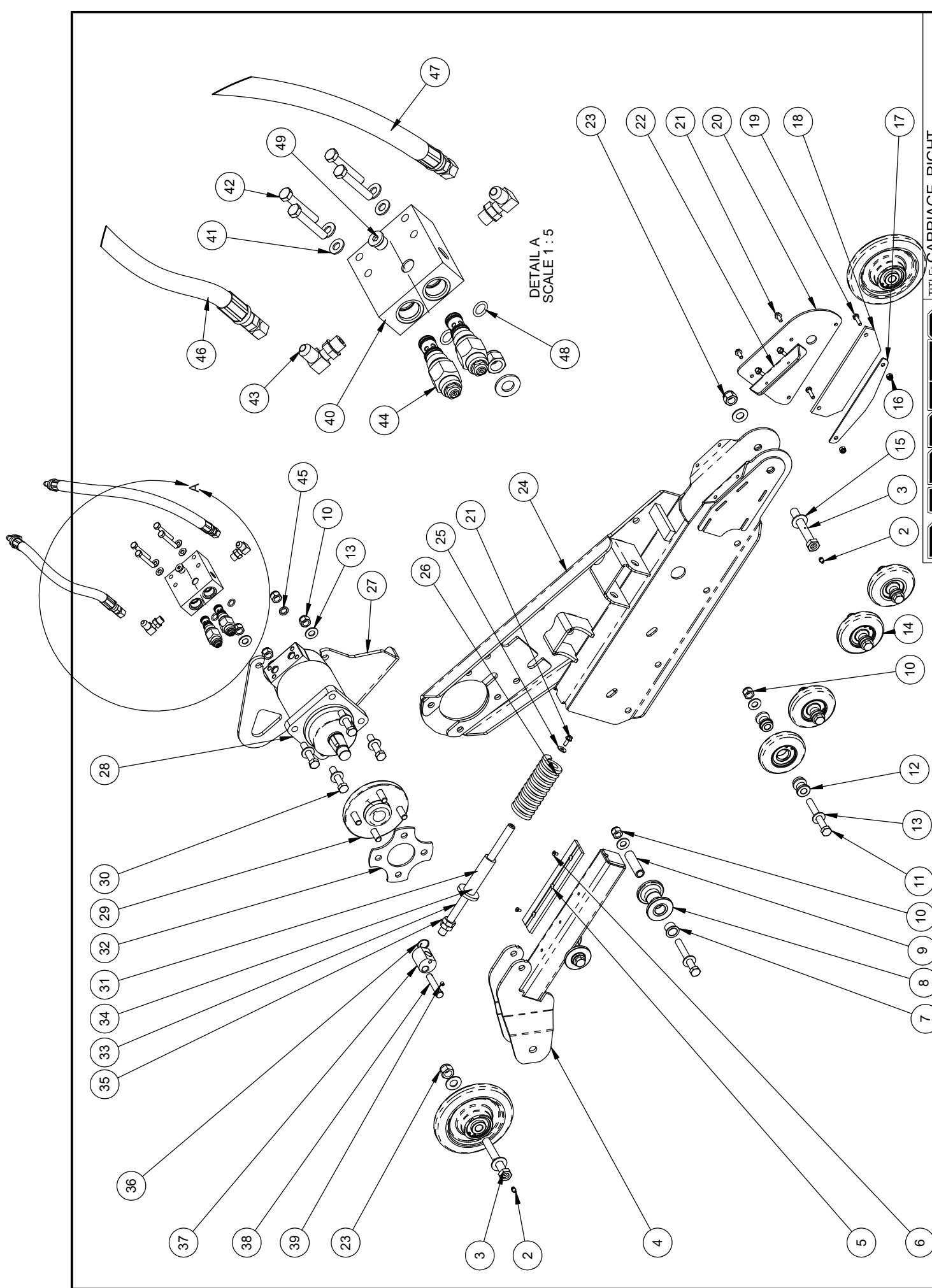


DETAIL C
SCALE 1 : 5

TITLE: LEFT CARRIAGE

PRODUCT LINE: STUMP CUTTER DATE: 12-12
SCALE: 1:10 DWG# 00333-SG
SHEET 2 OF 2





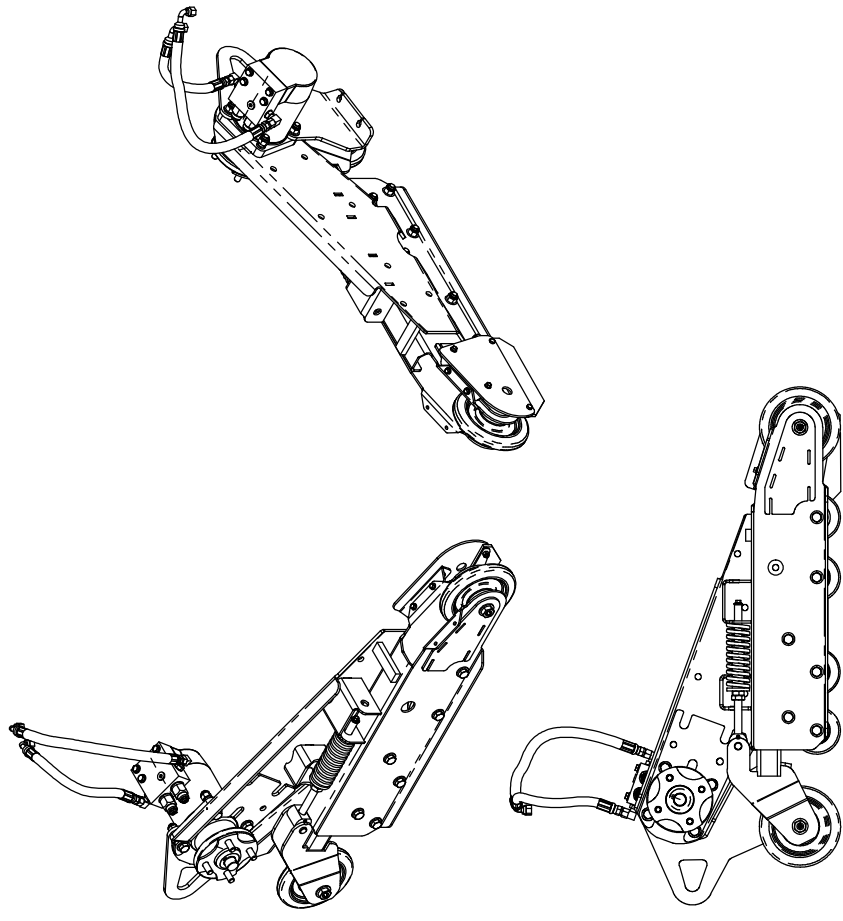
TITLE: CARRIAGE, RIGHT

BARRETO

PRODUCT LINE: STUMP GRINDER DATE: 7-12
 SCALE: 1:10
 SHEET 1 OF 2
 DWG# 00334-SG

ITEM NO.	QTY.	PART NO.	DESCRIPTION	ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	2	100335	IDLER ASSEMBLY	46	1	12368	HOSE, RT DRIVE, REAR - PUMP LH
2	2	05044	GREASE ZERK, 1/4-28 UNF	47	1	12367	HOSE, SG30 RT DRIVE, FRONT- PUMP LH
3	2	11490	ROLLER AXLE, 5/8 X 4-1/2"	48	2	03226	O-RING, 2-112N70, 11/16 OD X 3/32 SECTION
4	1	10876	IDLER ARM	49	1	03302	FITTING, 6409-6 PLUG

5	1	10910	ARM SLIDER				
6	2	05084	HEX SOCKET FH CAP SCREW, #10-24 X 3/8				
7	4	10272	BUSHING, IGUS MFI-1214-12				
8	2	10907	ARM ROLLER				
9	2	10908	SPACER				
10	10	05098	NUT, NYLOCK, 1/2-13 NC ZINC				
11	6	05590	HH CAP SCREW, 1/2-13 NC X 4 G5 ZINC				
12	8	11144	ROLLER SPACER				
13	19	05102	WASHER, 1/2 SAE ZINC HARDENED				
14	4	00366	MID ROLLER ASSY				
15	4	05272	WASHER, 5/8 SAE ZINC HARDENED				
16	2	05096	NUT, NYLOCK, 1/4-20 NC ZINC				
17	1	11474	FLAP BACKING				
18	1	11475	FLAP				
19	2	05237	HH CAP SCREW, 1/4-20 NC X 1 G5 ZINC				
20	1	11247	ROLLER GUARD				
21	5	05069	WHIZ LOCK, 1/4-20 NC X 5/8 ZINC				
22	1	11251	ROLLER GUARD MOUNT				
23	2	05099	NUT, NYLOCK, 5/8-11 NC ZINC				
24	1	10849-R R1	RIGHT CARRIAGE				
25	1	05078	WASHER, 1/4 USS ZINC				
26	1	11674	SPRING, CENTURY D-1378				
27	1	11462-R	WEIGHT MOUNT, RIGHT				
28	1	04029	MOTOR, PARKER TF 0240WE080				
29	1	10827	WHEEL HUB, 1-1/4" TAPERED, SOLID				
30	4	11447	HH CAP SCREW, 1/2-13 NC X 2-1/2 G5 ZN				
31	1	11470	SPRING GUIDE				
32	1	12354	SPROCKET SHIM				
33	1	11170	TENSIONER STUD				
34	1	11157	WASHER, TENSION SPRING				
35	2	10707	NUT, JAM, 5/8-11 NC ZINC				
36	1	05039-7	CIRCLE COTTER, CC-7				
37	1	11156	TENSIONER END				
38	1	05250	CLEVIS PIN, 1/2 X 2-1/2 ZINC				
39	1	05021	SET SCREW, 1/4-20 UNC X 5/16, CUP POINT				
40	1	12329	C-BALANCE MANIFOLD, SDC10-3S				
41	4	05068	WASHER, 5/16 SAE ZINC				
42	4	05566	HH CAP SCREW, 5/16-18 NC X 2 G5 ZINC				
43	2	04538	FITTING, 6801-6-6				
44	2	04405	C-BALANCE CARTRIDGE, CB10-HV				
45	1	103290	SPACER WASHER, .532 X .750 X .125				



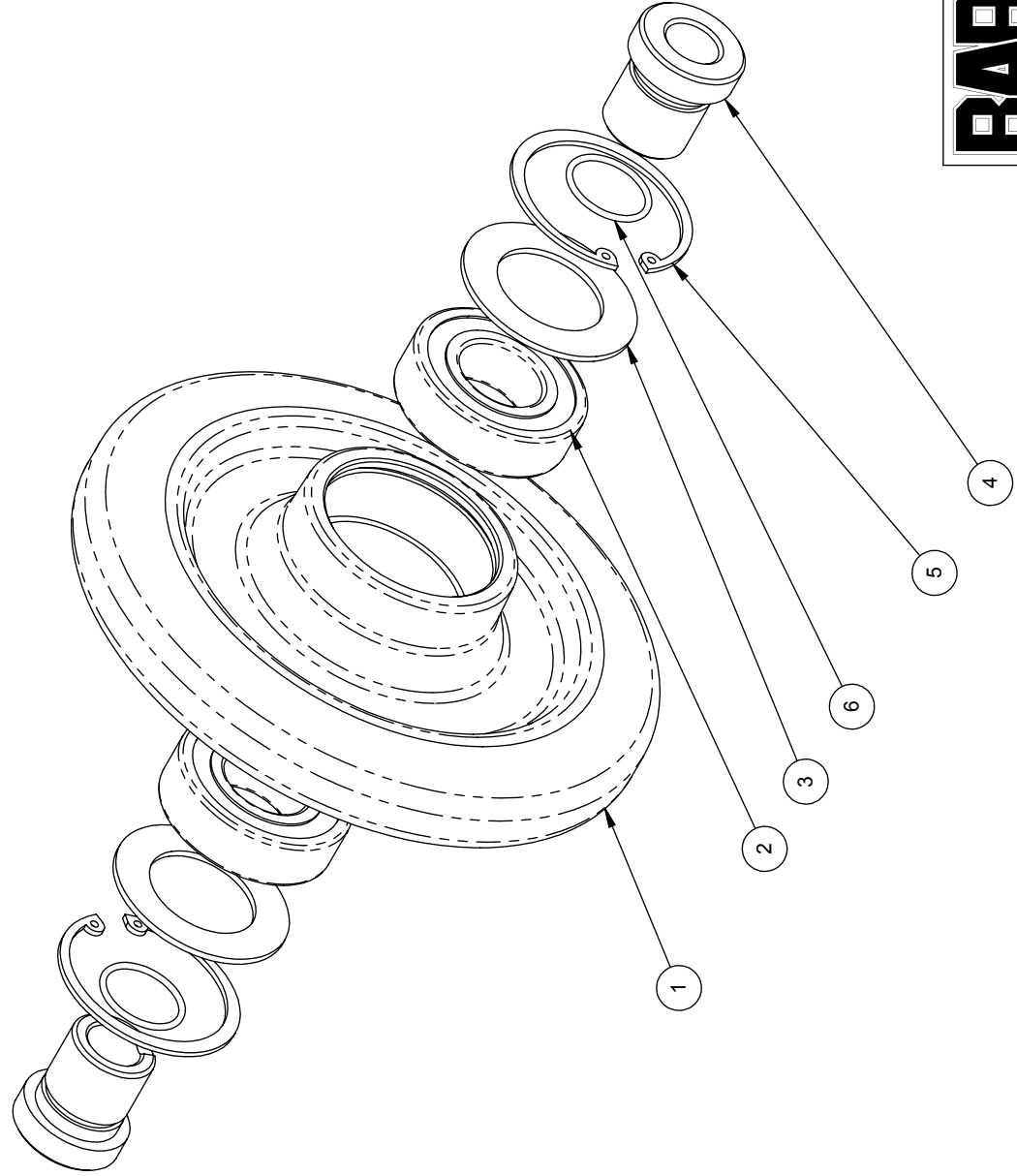
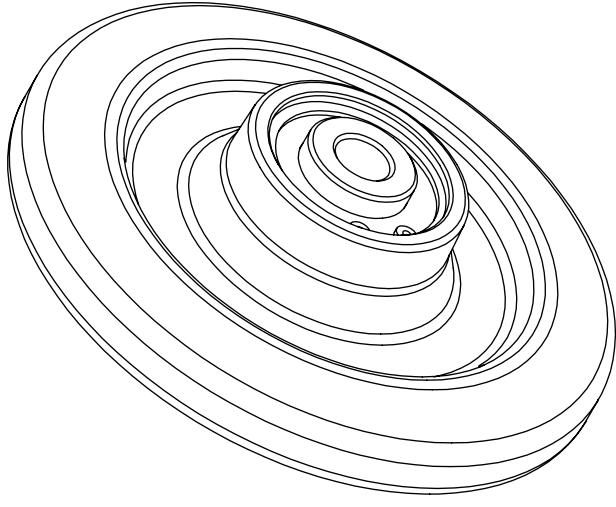
BARRETO

TITLE: RIGHT CARRIAGE

PRODUCT LINE: STUMP GRINDER DATE: 7-12
 SCALE: 1:16 DWG# 00334-SG
 SHEET 2 OF 2

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

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

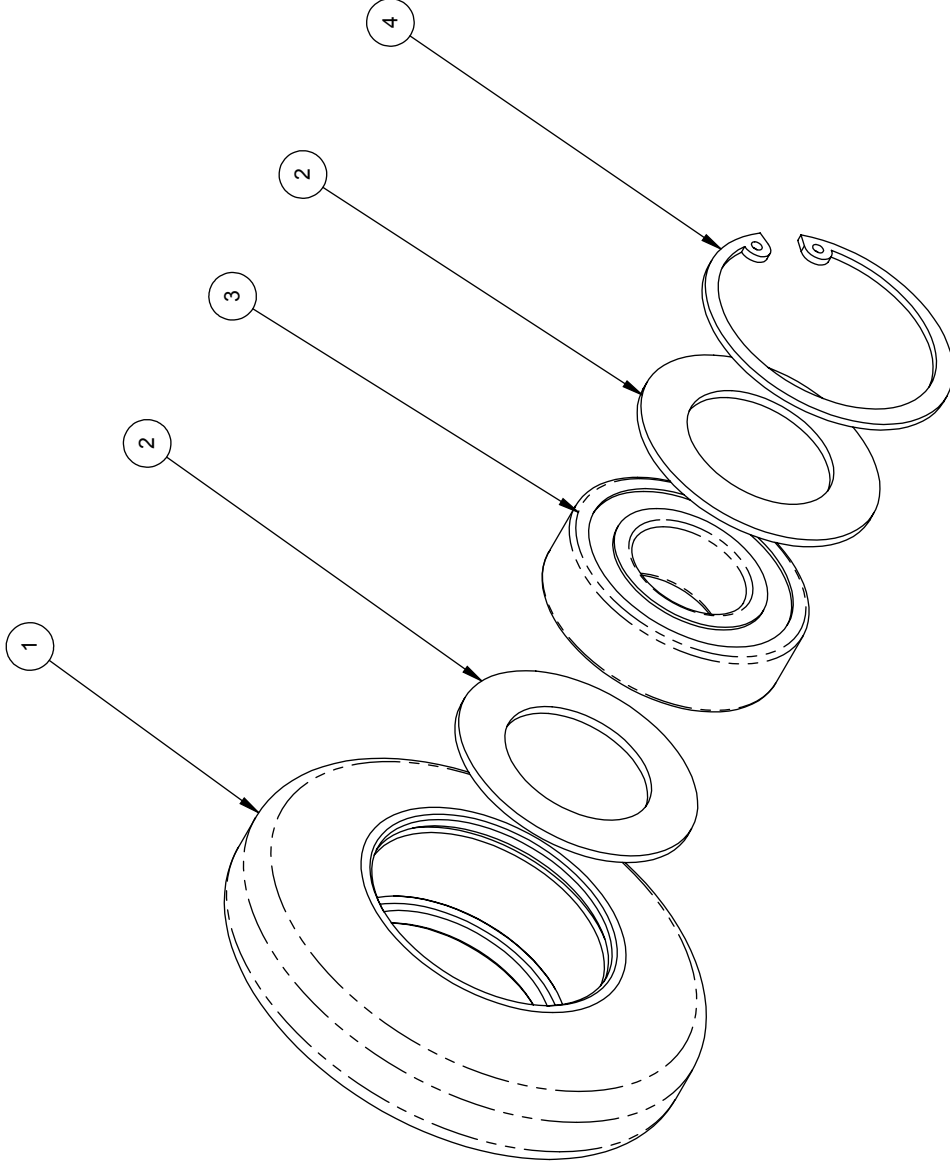


TITLE: IDLER ASSEMBLY

BARRETO

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

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



TITLE: MID ROLLER ASSEMBLY

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

SCALE: 2:3

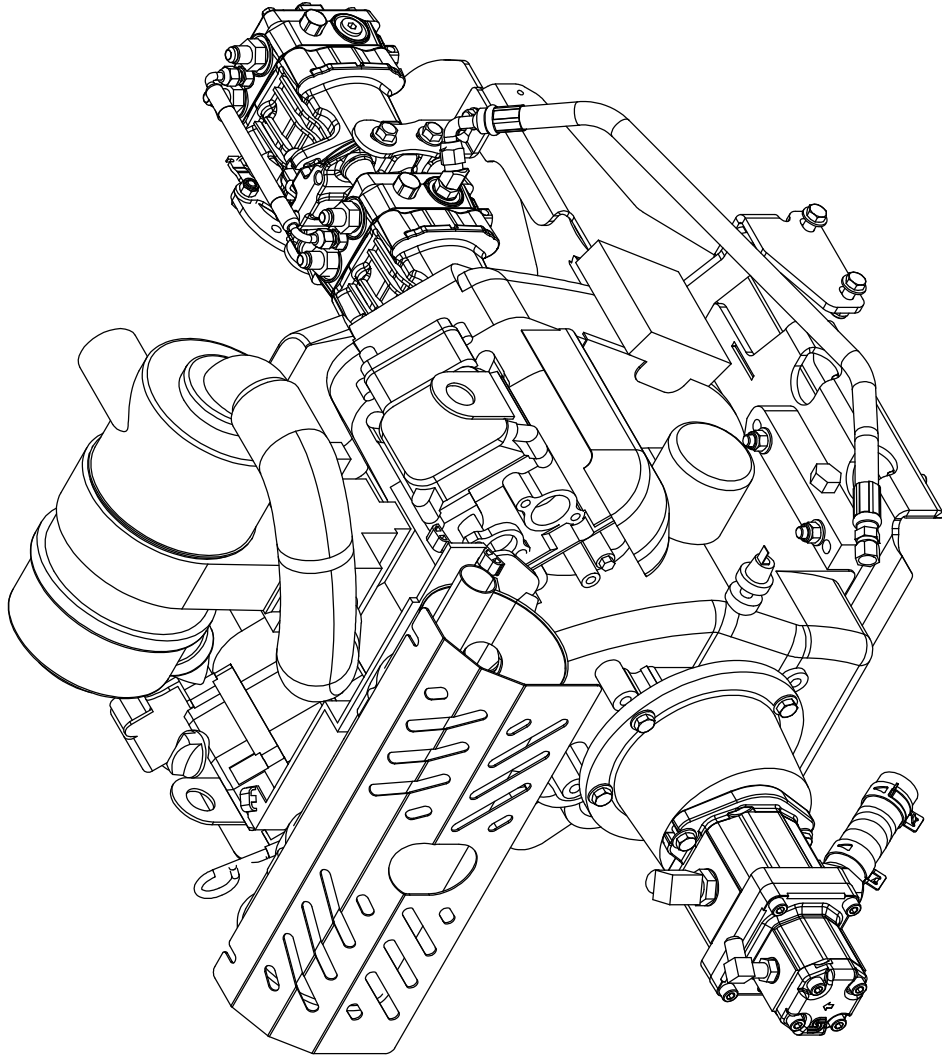
DWG# 00366

SHEET 1 OF 1



REPLACES 00390TT2-BS30

RELEASE DATE	6/17/16
REVISED DATE	11/14/16
REVISION #	1



ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	00605-B-SG	STUB SHAFT ASSEMBLY, BRIGGS
2	1	B&S-30	ENGINE, BRIGGS 31hp
3	1	07027-10	MUFFLER, B&S 31, CENTER EXIT
4	1	04021-C16	TANDEM PUMP, PNT-16+1.2, PARKER
5	1	12730	HYDRO PUMP, 10CC TANDEM
6	1	12809	MUFFLER SHIELD, BRIGGS
7	1	13228 R1	ENGINE BASE
8	2	13202	PUMP SUPPORT
9	2	12447T	EXTEND ARM
10	1	13229-L	BRACE MOUNT, LEFT
11	1	13229-R	BRACE MOUNT, RIGHT
12	2	13205	SQUARE NUT
13	1	12456	SPIDER, HYTREL, L-099
14	1	12454	JAW COUPLER, 1.125, L-099
15	1	12455	JAW COUPLER, 9T SAE A, L-099
16	1	105014	KEY, 1/4 X 1/4 X 3/4
17	1	12320	ENGINE DRAIN HOSE
18	1	12339 R2	HOSE, HYDROSTAT DRAIN
19	1	12715	SUMP HOSE, 1" X 4.3"
20	2	05225	CLAMP, 1" ID HOSE, CTB-35 ST
21	1	04215	FITTING, 9067-6-14 METRIC
22	1	04211	FITTING, 6801-8-10
23	1	04539	FITTING, 2408-6
24	1	11082	FITTING, 6801-6-6-L
25	1	12484	FITTING, 4603-16-16
26	1	11074	FITTING, 6802-6-6
27	1	11070	FITTING, 4601-8-6
28	4	04226	FITTING, 6400-6-8
29	4	05352	HH CAP SCREW, 3/8-16 NC X 2-1/4 G5 ZINC
30	12	05091	HH CAP SCREW, 3/8-16 NC X 1-1/4 G5 ZINC
31	6	05059	HH CAP SCREW, 3/8-16 NC X 1 G5 ZINC
32	4	05187	HHFS 3/8-16 X 3/4, G5, ZN
33	29	05101	WASHER, 3/8 SAE ZINC
34	10	05073	NUT, NYLOCK, 3/8-16 NC ZINC
35	2	05131	HHFS 5/16-18 X 3/4, G8, ZN
36	4	05247	HH CAP SCREW, 5/16-18 NC X 3/4 G5 ZINC
37	4	05273	NUT, NYLOCK, 5/16-18 NC ZINC
38	1	07027-21	WIRE GUARD
39	1	12047	FITTING, 6410-6-6
40	1	02016	PUMP ADAPTER

BARRETO

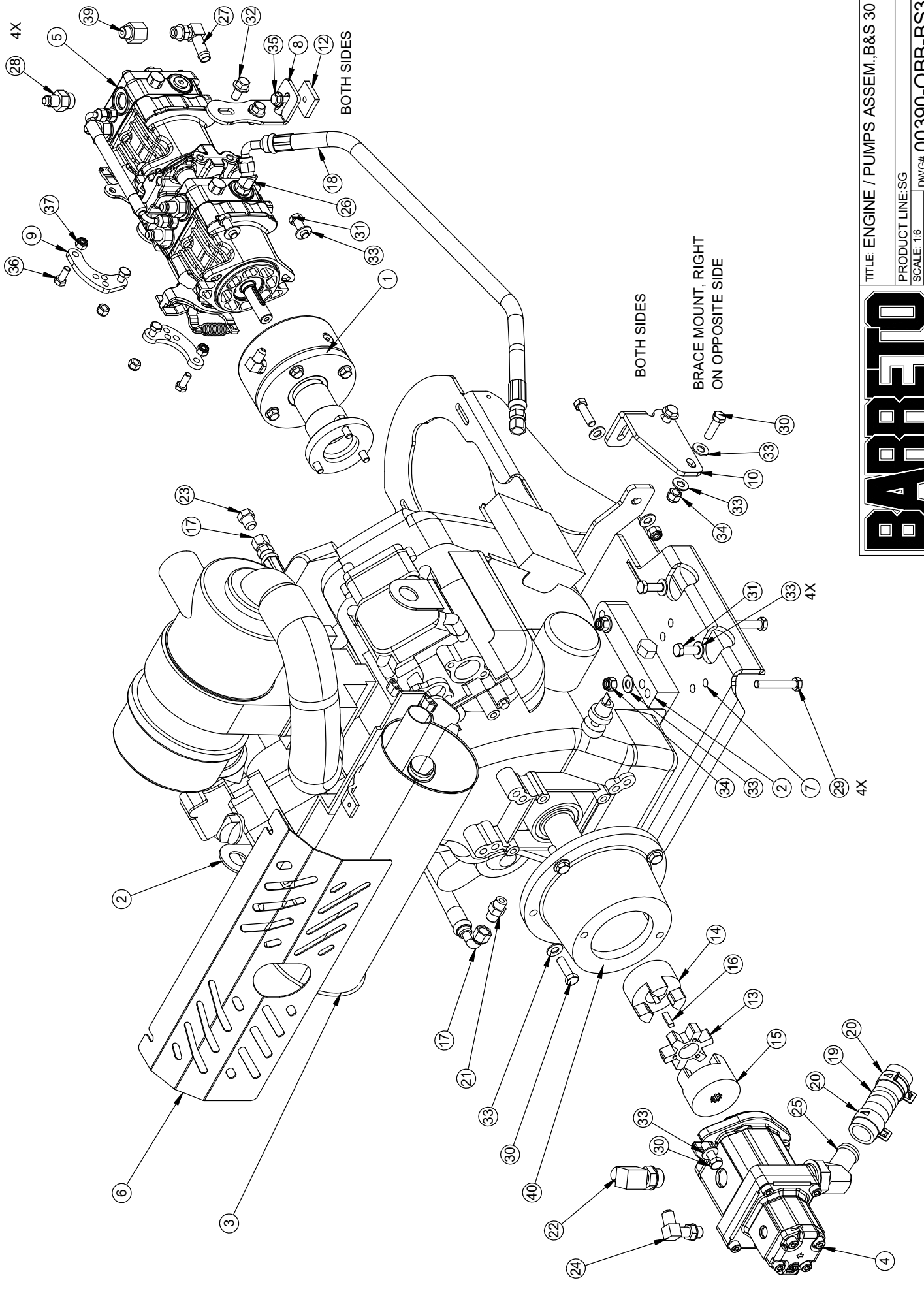
TITLE: ENGINE / PUMPS ASSEM., B&S 30

PRODUCT LINE: SG

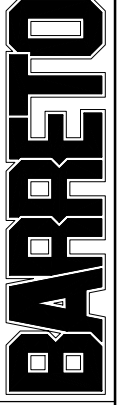
SCALE: 1:6

SHEET 1 OF 2

DWG# 00390-OBB-BS30

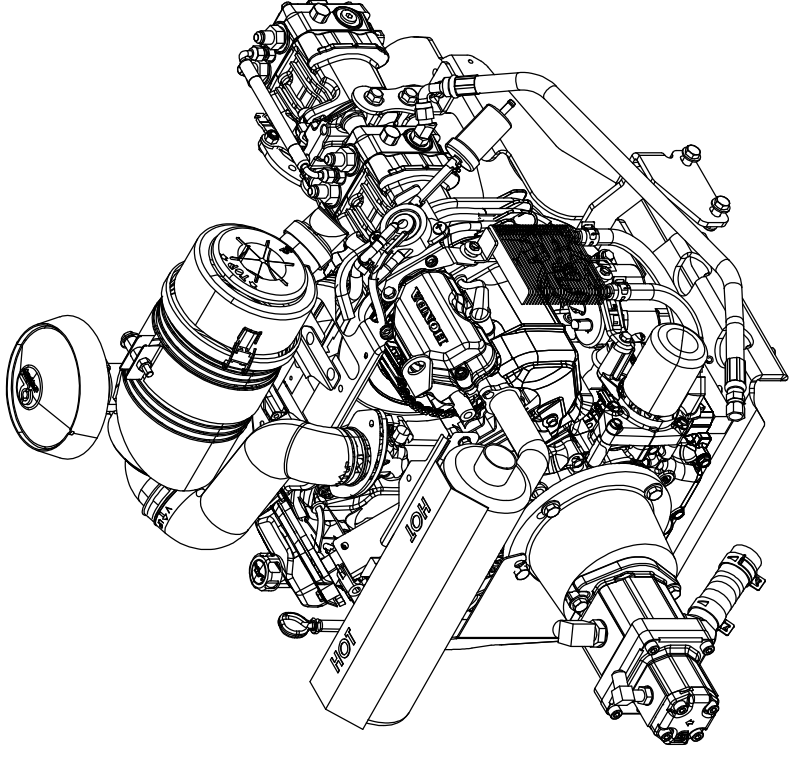


TITLE: ENGINE / PUMPS ASSEM., B&S 30
 PRODUCT LINE: SG
 SCALE: 1:6
 SHEET 2 OF 2



DWG# 00390-OBB-BS30

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	00605-H-SG	STUB SHAFT ASSEMBLY, HONDA
2	1	04021-C16	TANDEM PUMP, PNT-16+1.2, PARKER
3	1	12730	HYDRO PUMP, 10CC TANDEM
4	1	13228 R1	ENGINE BASE
5	2	13202	PUMP SUPPORT
6	2	12447T	EXTEND ARM
7	1	13229-L	BRACE MOUNT, LEFT
8	1	13229-R	BRACE MOUNT, RIGHT
9	2	13205	SQUARE NUT
10	1	12456	SPIDER, HYTREL, L-099
11	1	12454	JAW COUPLER, 1.125, L-099
12	1	12455	JAW COUPLER, 9T SAE A, L-099
13	1	05014	KEY, 1/4 X 1/4 X 3/4
14	1	12320	ENGINE DRAIN HOSE
15	1	12339 R2	HOSE, HYDROSTAT DRAIN
16	1	12715	SUMP HOSE, 1" X 4.3"
17	2	05225	CLAMP, 1" ID HOSE, CTB-35 ST
18	1	04215	FITTING, 9067-6-14 METRIC
19	1	04211	FITTING, 6801-8-10
20	1	04539	FITTING, 2408-6
21	1	11082	FITTING, 6801-6-6-L
22	1	12484	FITTING, 4603-16-16
23	1	11074	FITTING, 6802-6-6
24	1	11070	FITTING, 4601-8-6
25	4	04226	FITTING, 6400-6-8
26	4	05312	HH CAP SCREW, 3/8-16 NC X 3 G5 ZINC
27	12	05091	HH CAP SCREW, 3/8-16 NC X 1-1/4 G5 ZINC
28	6	05059	HH CAP SCREW, 3/8-16 NC X 1 G5 ZINC
29	4	05377	HHFS 3/8-16 X 3/4, G5, ZN
30	29	05101	WASHER, 3/8 SAE ZINC
31	10	05073	NUT, NYLOCK, 3/8-16 NC ZINC
32	2	05567	HHFS 5/16-18 X 3/4, G8, ZN
33	4	05247	HH CAP SCREW, 5/16-18 NC X 3/4 G5 ZINC
34	4	05273	NUT, NYLOCK, 5/16-18 NC ZINC
35	1	12047	FITTING, 6410-6-6
36	1	02016	PUMP ADAPTER
37	1	07034	ENGINE, HONDA IGX 800
38	2	13487	ENGINE SPACER
39	1	13488	CONTROL POD MOUNT
40	1	07034-4	MUFFLER, EXHAUST
41	2	05478	HH CAP SCREW, M5-0.8 X 20MM, 8.8 ZINC
42	2	05068-HDN	WASHER, 5/16 HARDENED ZINC
43	1	13489	SPACER
44	1	13908	WIRING SHIELD



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

BARRETO

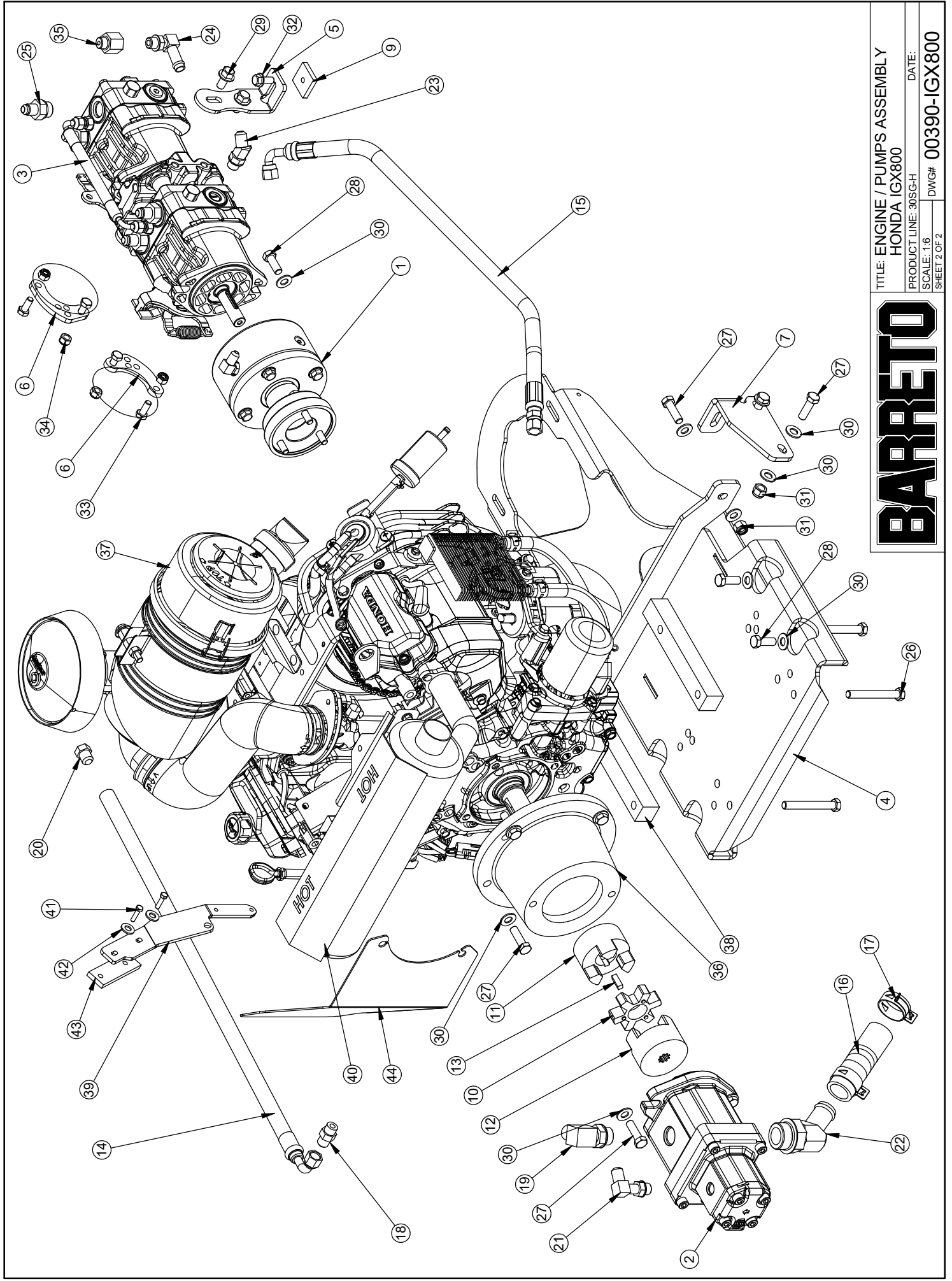
TITLE: ENGINE / PUMPS ASSEM., HONDA IGX800

PRODUCT LINE: SG

SCALE: 1:8

SHEET 1 OF 2

DWG# 00390-IGX800



TITLE: ENGINE / PUMPS ASSEMBLY
 HONDA IGX800
 PRODUCT LINE: 30SG-H
 SCALE: 1:6
 SHEET 2 OF 2

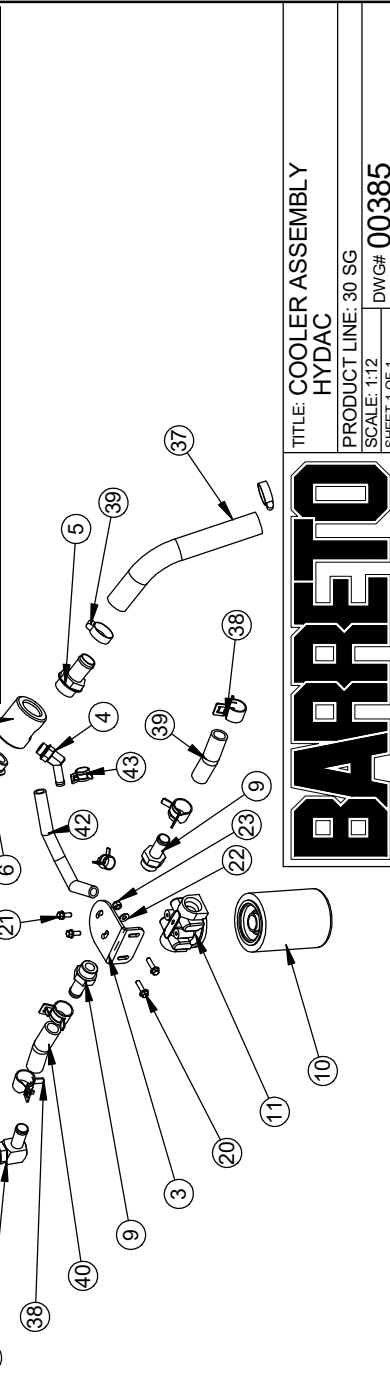
BARRETO

DATE:
 DWG# 00390-IGX800

RELEASE DATE 10/14/2021
 REVISED DATE NEW
 REVISION # 0

ITEM NO.	QTY.	PART NO.	DESCRIPTION	ITEM NO.	QTY.	PART NO.	DESCRIPTION
35	2	05111	SHSB, 3/8S X 3/8SL X 5/16 NC, BK OX	1	1	12901F	OIL COOLER, FLIPPED, HYDAC
36	2	05002	NUT, GRIPCO, 5/16-18 NC G5 ZINC	2	2	13992	SHROUD
37	1	13993	TANK RETURN	3	1	13990	FILTER MOUNT
38	4	05008	CLAMP, 3/4" HOSE, CTB-29	4	1	04216	FITTING, 4603-8-8
39	4	05490	SCREW CLAMP	5	1	10399	FITTING, 4604-16-16
40	2	14452	HOSE, FILTER - COOLER, 3/4"	6	1	12484	FITTING, 4603-16-16
41	1	13994	COOLER OUTLET- JUNCION	7	1	13991	RETURN TEE
42	1	13764	HOSE, PUMP FEED	8	1	04202	FITTING, 4601-12-12
43	2	12131	CLAMP, 1/2" HOSE, CTB-20	9	2	04219	FITTING, 4604-12-12

10	1	03952	FILTER, HYDRAULIC OIL, WITH BY-PASS	11	1	04212-OR	FILTER HEAD, #12 O-RING, NO TAP
11	1	04530	FITTING, 4601-16-12	12	1	04530	FITTING, 4601-16-12
12	1	13492	TOP COOLER MOUNT	13	1	13492	TOP COOLER MOUNT
13	4	13118	ISOLATOR, ESTCO MM305	14	4	13118	ISOLATOR, ESTCO MM305
14	1	13490	BOTTOM BRACKET	15	1	13490	BOTTOM BRACKET
15	1	13491	BOTTOM COOLER MOUNT	16	1	13491	BOTTOM COOLER MOUNT
16	8	05419	NUT, 1/4-20 NC, SERRATED FLANGE, ZN	17	8	05419	NUT, 1/4-20 NC, SERRATED FLANGE, ZN
17	4	05078	WASHER, 1/4 USS ZINC	18	4	05078	WASHER, 1/4 USS ZINC
18	2	05069	WHIZ-LOCK 1/4 - 20 X 5/8	19	2	05069	WHIZ-LOCK 1/4 - 20 X 5/8
19	2	05389	HHFS 1/4-20 X 1, G5, ZN	20	2	05389	HHFS 1/4-20 X 1, G5, ZN
20	4	05404	HHFS 1/4-20 X 5/8 G5, ZN	21	4	05404	HHFS 1/4-20 X 5/8 G5, ZN
21	2	05081	WASHER, 1/4 SAE ZINC	22	2	05081	WASHER, 1/4 SAE ZINC
22	4	05096	NUT, NYLOCK, 1/4-20 NC ZINC	23	4	05096	NUT, NYLOCK, 1/4-20 NC ZINC
23	2	05474	HHFS 1/4-20 X 3/4 G5, ZN	24	2	05474	HHFS 1/4-20 X 3/4 G5, ZN
24	1	12461	COVER MOUNT	25	1	12461	COVER MOUNT
25	1	12463	TOP MOUNT	26	1	12463	TOP MOUNT
26	1	13412	BACK COVER	27	1	13412	BACK COVER
27	4	05567	HHFS 5/16-18 X 3/4, G8, ZN	28	4	05567	HHFS 5/16-18 X 3/4, G8, ZN
28	4	05068	WASHER, 5/16 SAE ZINC	29	4	05068	WASHER, 5/16 SAE ZINC
29	4	05273	NUT, NYLOCK, 5/16-18 NC ZINC	30	4	05273	NUT, NYLOCK, 5/16-18 NC ZINC
30	4	05411	HHFS 1/4-20 X 1/2, G5, ZN	31	4	05411	HHFS 1/4-20 X 1/2, G5, ZN
31	3	05359	CLIP NUT, 5/16-18	32	3	05359	CLIP NUT, 5/16-18
32	3	05510	BHSCS, 5/16 NC, X 1/4 ZN	33	3	05510	BHSCS, 5/16 NC, X 1/4 ZN
33	4	05365	CLIP NUT, 1/4-20	34	4	05365	CLIP NUT, 1/4-20

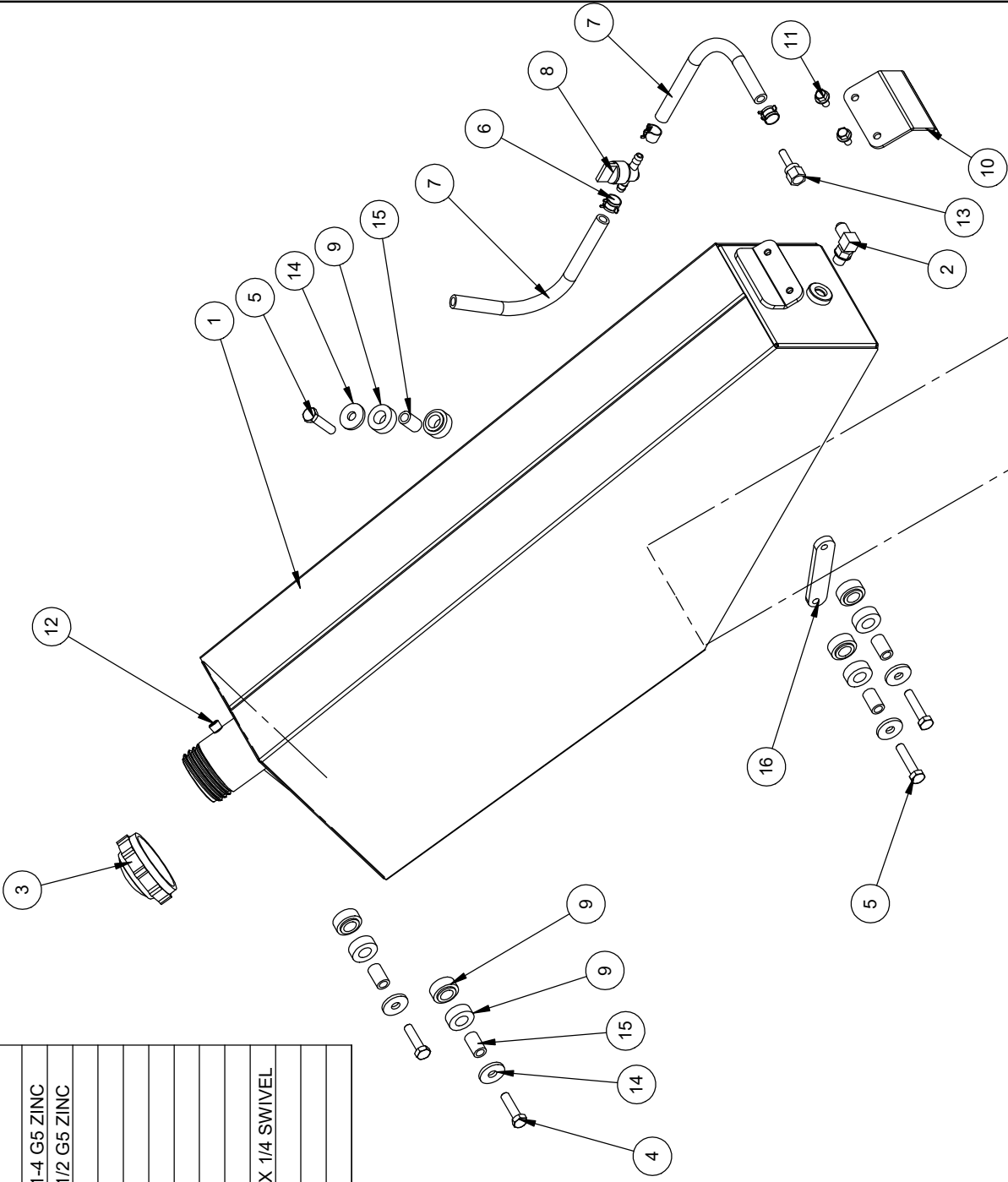


BARRETO

TITLE: COOLER ASSEMBLY
 HYDAC
 PRODUCT LINE: 30 SG
 SCALE: 1:12
 SHEET 1 OF 1
 DWG# 00385

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

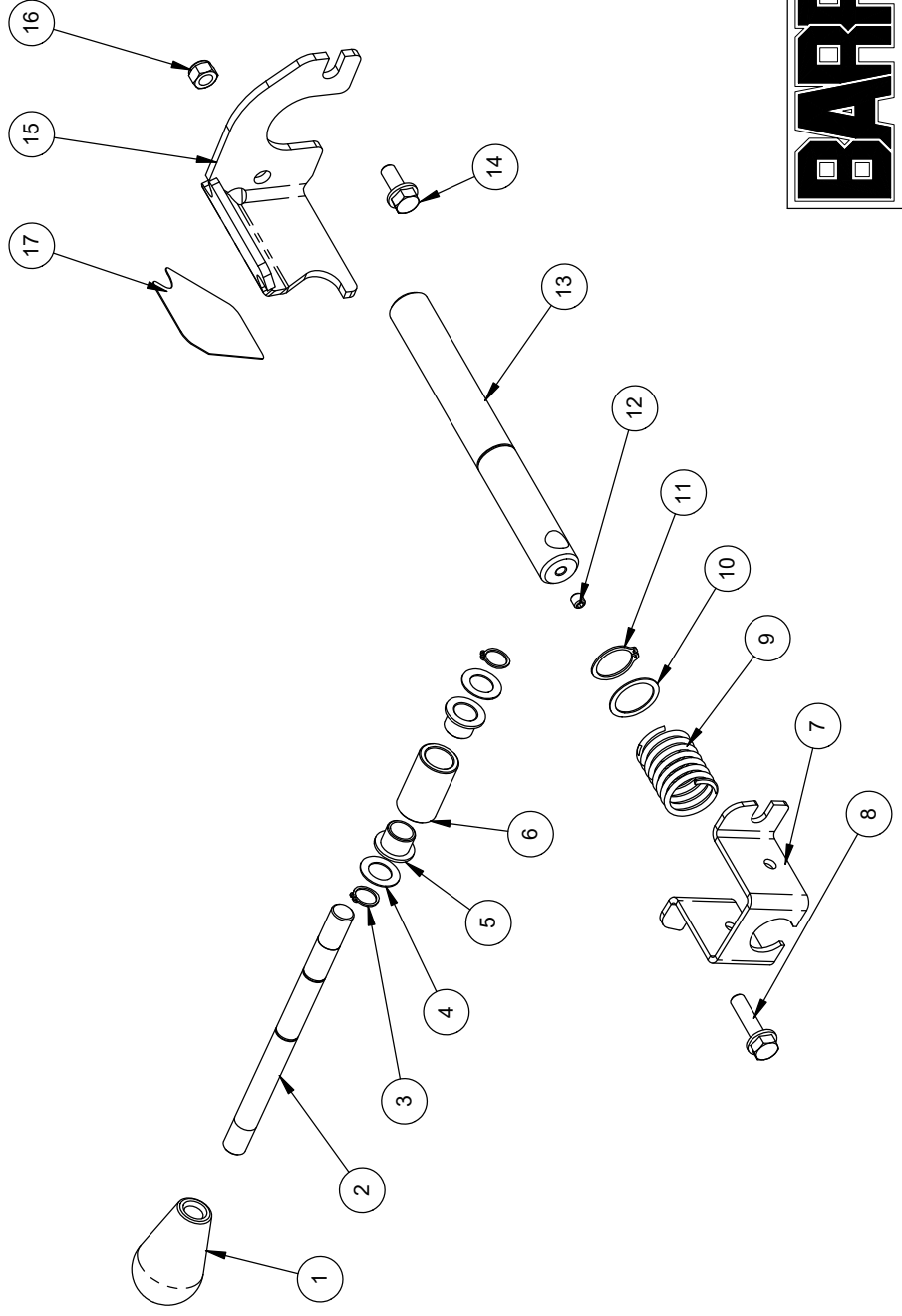
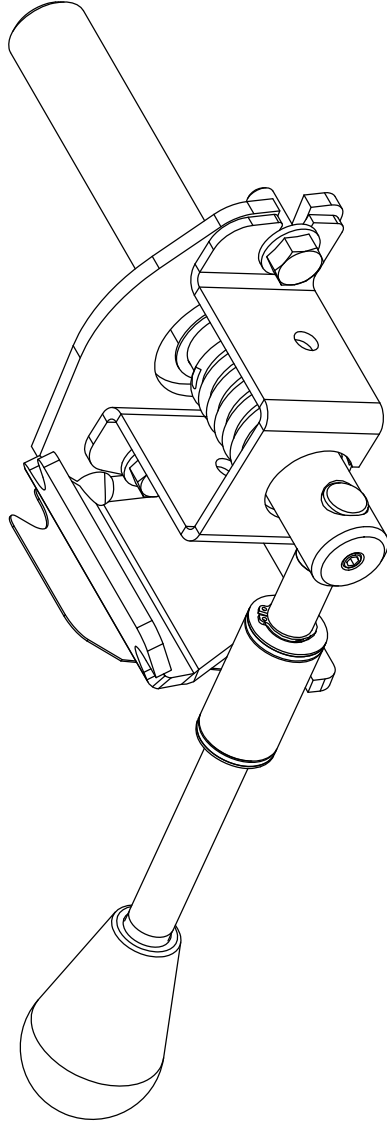
ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	13435M	STEEL FUEL TANK, 5.8 gal
2	1	04555	FITTING, 6801-4-4
3	1	03062-12	FUEL TANK CAP, KELCH
4	2	05297	HH CAP SCREW, 5/16-18 NC X 1-1/4 G5 ZINC
5	3	05294	HH CAP SCREW, 5/16-18 NC X 1-1/2 G5 ZINC
6	3	03062-06	CLAMP, 1/4" FUEL LINE
7	2	13482	FUEL LINE, 21" CUT LENGTH
8	1	03062-03	FUEL SHUT OFF VALVE
9	10	11113	CUSHION
10	1	13436	FUEL LINE COVER
11	2	05051	WHIZ-LOCK 1/4 - 20 X 1/2
12	1	05023	PIPE PLUG, 1/8"
13	1	04214	FITTING, JS-4-4, HOSE BARB 1/4 X 1/4 SWIVEL
14	5	05399	WASHER, 5/16 X 1 X 1/8 ZN
15	5	13270-.84	SPACER, TANK CUSHION
16	1	11643	NUT BAR



TITLE: FUEL TANK, 5.8 gal.
 PRODUCT LINE: SG
 SCALE: 1:6
 SHEET 1 OF 1
 DWG# 00456-SG-M

BARRETO

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



TITLE: PARK BRAKE ASSEMBLY



PRODUCT LINE: STUMP GRINDER DATE: 7-12

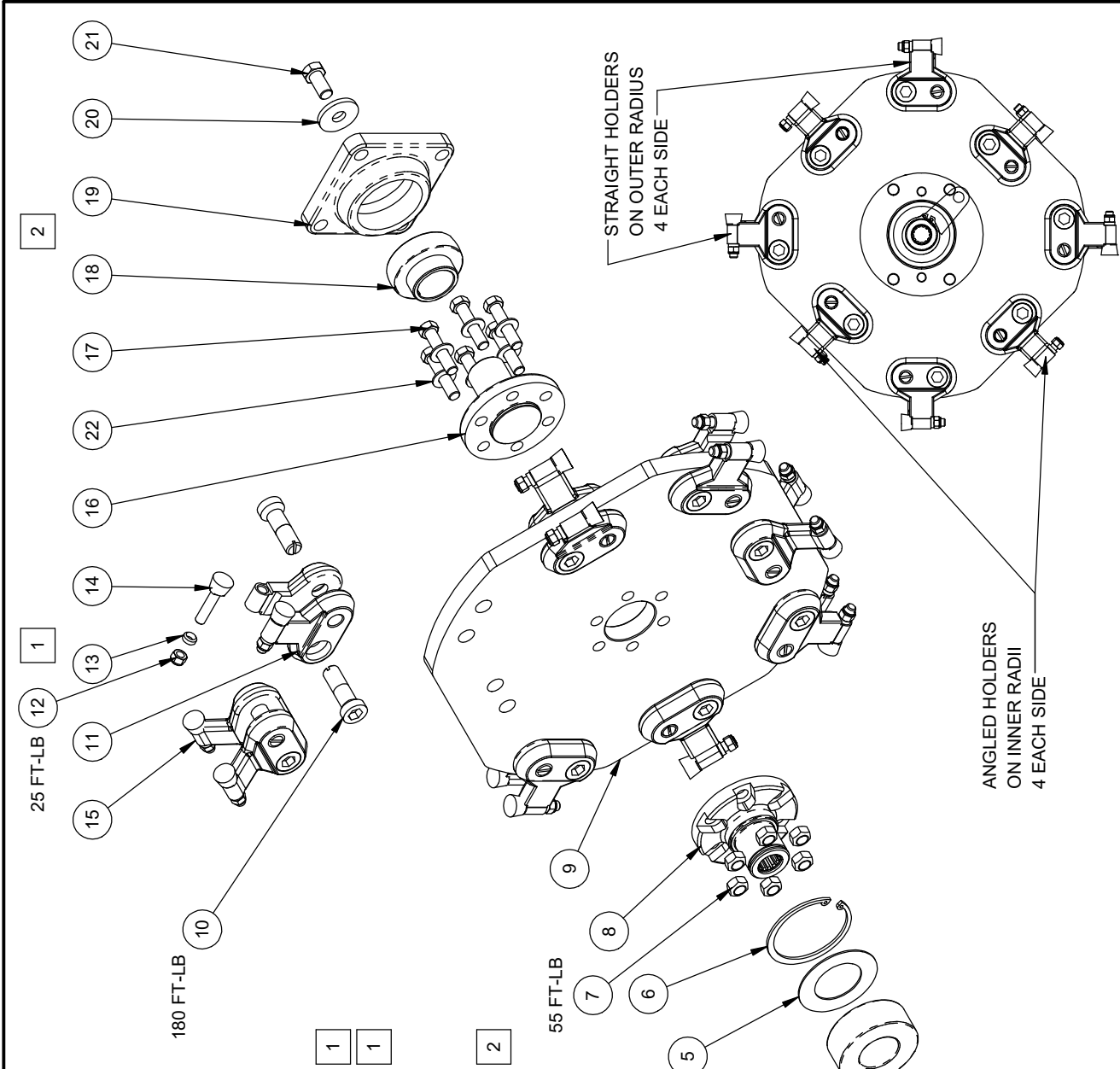
SCALE: 1:4

SHEET 1 OF 1 DWG# 00458-SG

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	12264	BEARING HOUSING
2	1	05044	GREASE ZERK, 1/4-28 UNF
3	1	05607-H	SNAP RING, SHR-156, 1-9/16" EXT, HEAVY
4	1	12382	BEARING, DOUBLE 5208 E-RS / 3208-RS
5	1	12266	BEARING SHIELD
6	1	05603	SNAP RING, HO-315, 3-5/32 INTERNAL
7	6	05355	NUT, GRIPCO, 7/16-20 NF G5 ZINC
8	1	12278	DRIVE STUB, SPLINED, 13T
9	1	12279	CUTTER WHEEL
10	16	12283	CUTTER BOLT, 2-1/4", LP-214
11	8	12281	STRAIGHT HOLDER, 700 LOPRO
12	16	05273	NUT, NYLOCK, 5/16-18 NC ZINC
13	15	12284	TOOTH SPACER, 700 LOPRO
14	16	12280	CUT TOOTH, 700 LOPRO GREEN
15	8	12282	ANGLED HOLDER, OUT, 700 LOPRO
16	1	12265	AXLE STUB
17	6	05354	HH CAP SCREW, 7/16-20 NF X 2 G8 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
22	6	05544	WASHER, 7/16 SAE ZINC

1 ITEMS 12, 13, 14 INCLUDED IN TOOTH REPLACEMENT KIT PART NO. 12280

2 ITEMS 18, 19, PART NO. 12383 COMES WITH BEARING INSERT AND FLANGE

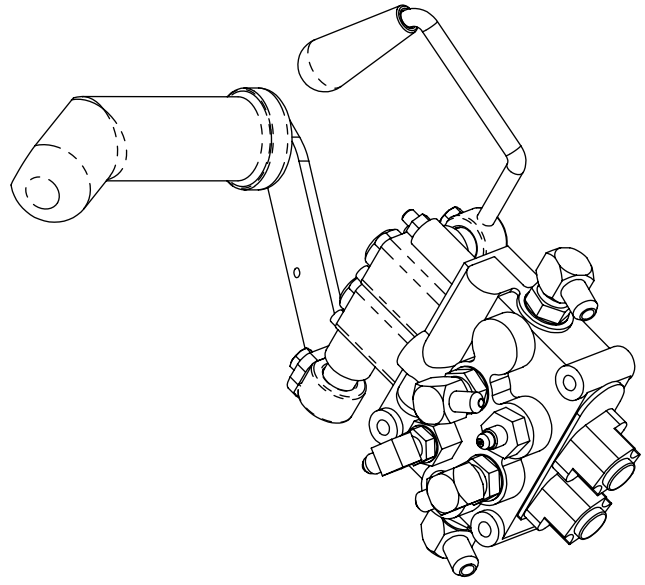
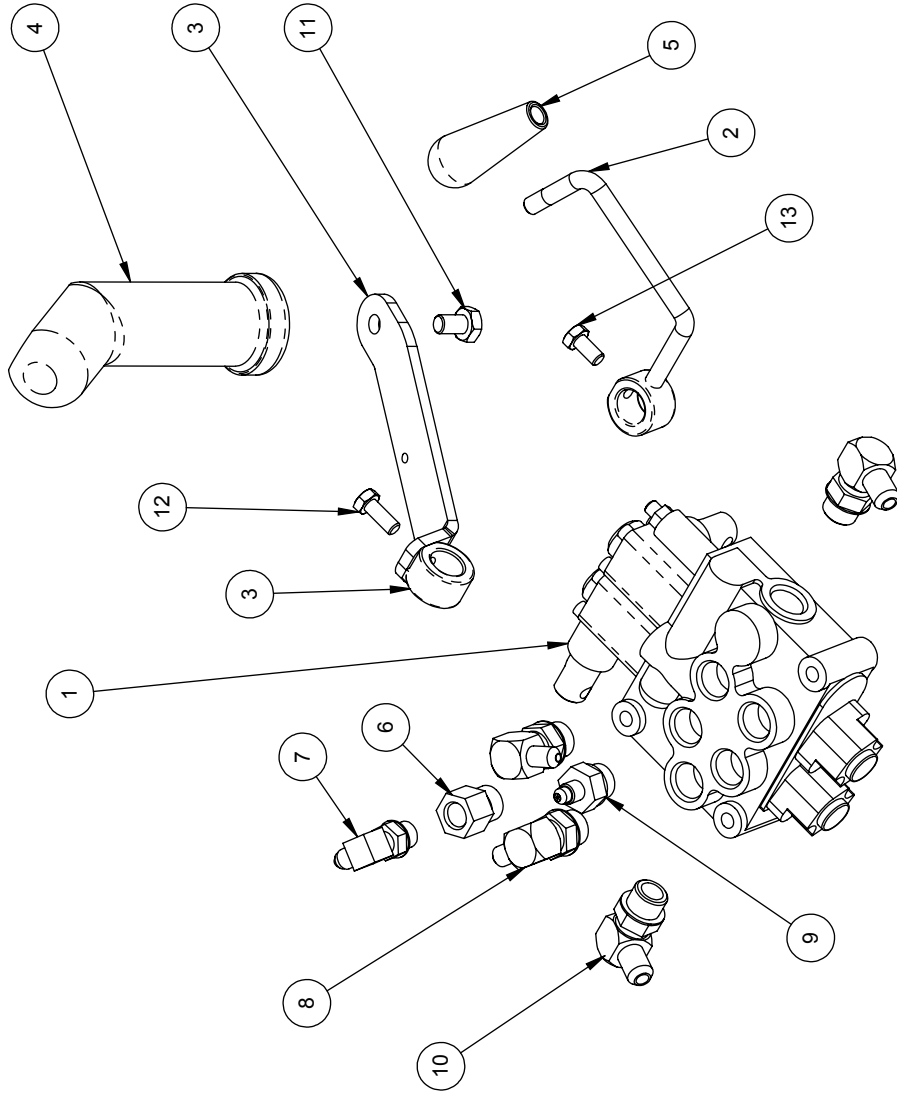


TITLE: CUT WHEEL ASSY



PRODUCT LINE: STUMP GRINDER DATE: 7/12
 SCALE: 1:6
 SHEET 1 OF 1 DWG# 00492

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	04022-W	VALVE, WOLVERINE
2	1	12776	LIFT LEVER
3	1	12777	SWING LEVER
4	1	12379-B1	JOYSTICK HANDLE, W/ TRIGGER
5	1	03542	SPEED KNOB
6	1	04529	FITTING, 6410-8-6
7	1	04527-01	FITTING, 6801-4-6
8	2	10403	FITTING, 6801-4-8
9	1	04568	FITTING, 6400-4-8
10	2	10404	FITTING, 6801-6-8
11	1	12466	HH CAP SCREW, M10-1.5 X 16mm, 8.8, ZINC
12	1	12782	HH CAP SCREW, M8-1.25 X 20MM ZINC
13	1	05406	HH CAP SCREW, M8-1.25 X 16MM ZINC



TITLE: CYLINDER VALVE ASSEM
2 LEVER CONTROL

PRODUCT LINE: 305SG, 35SG DATE: 2-14

SCALE: 1:4

DWG# 00497

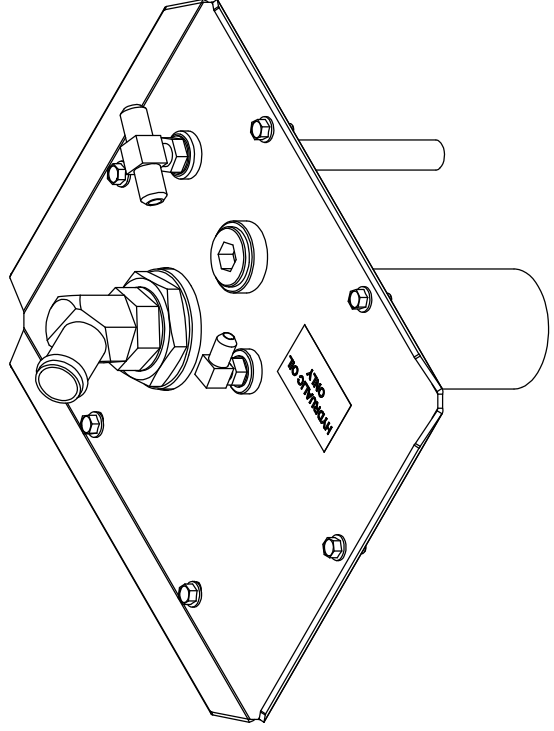
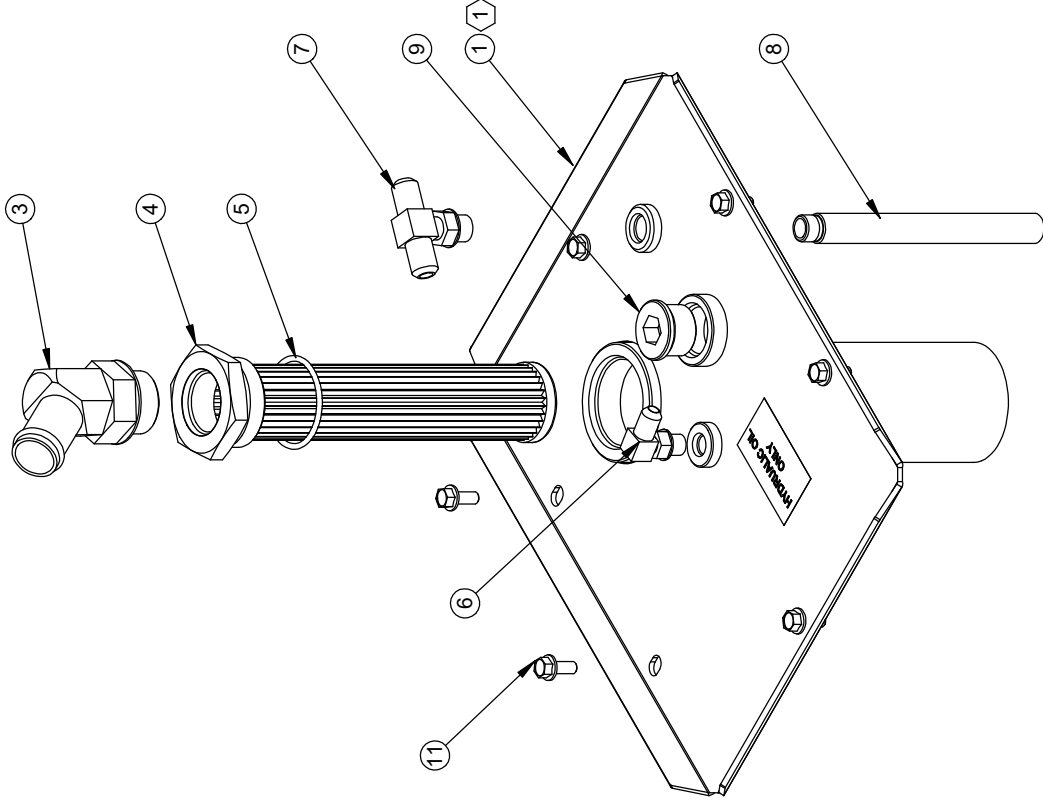
SHEET 1 OF 1

BARRETO

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	12720 R1	LID, STUMP GRINDER
3	1	12484	FITTING, 4603-16-16
4	1	10636	SUMP SCREEN, W/ O-RING 03292
5	1	03292	O-RING, 3-924N90, -24 FITTINGS
6	1	04555	FITTING, 6801-4-4
7	1	10409	FITTING, 6803-6-6-6
8	1	12864	RETURN TUBE
9	1	10526	FITTING, 6409-12 PLUG
10	1	03040-06	DECAL, "HYDRAULIC OIL ONLY"
11	6	05069	WHIZ-LOCK 1/4 - 20 X 5/8

- ① USE LID 12720K R1 FOR KOHLER POWERED MACHINE
 USE LID 12720H FOR HONDA POWERED MACHINE
 USE LID 12720 R1 FOR BRIGGS POWERED MACHINE

RELEASE DATE	10/13
REVISED DATE	5/17/17
REVISION #	3



TITLE: LID ASSEMBLY
 SG - 10cc / CP

PRODUCT LINE: 30SG DATE: 10/13

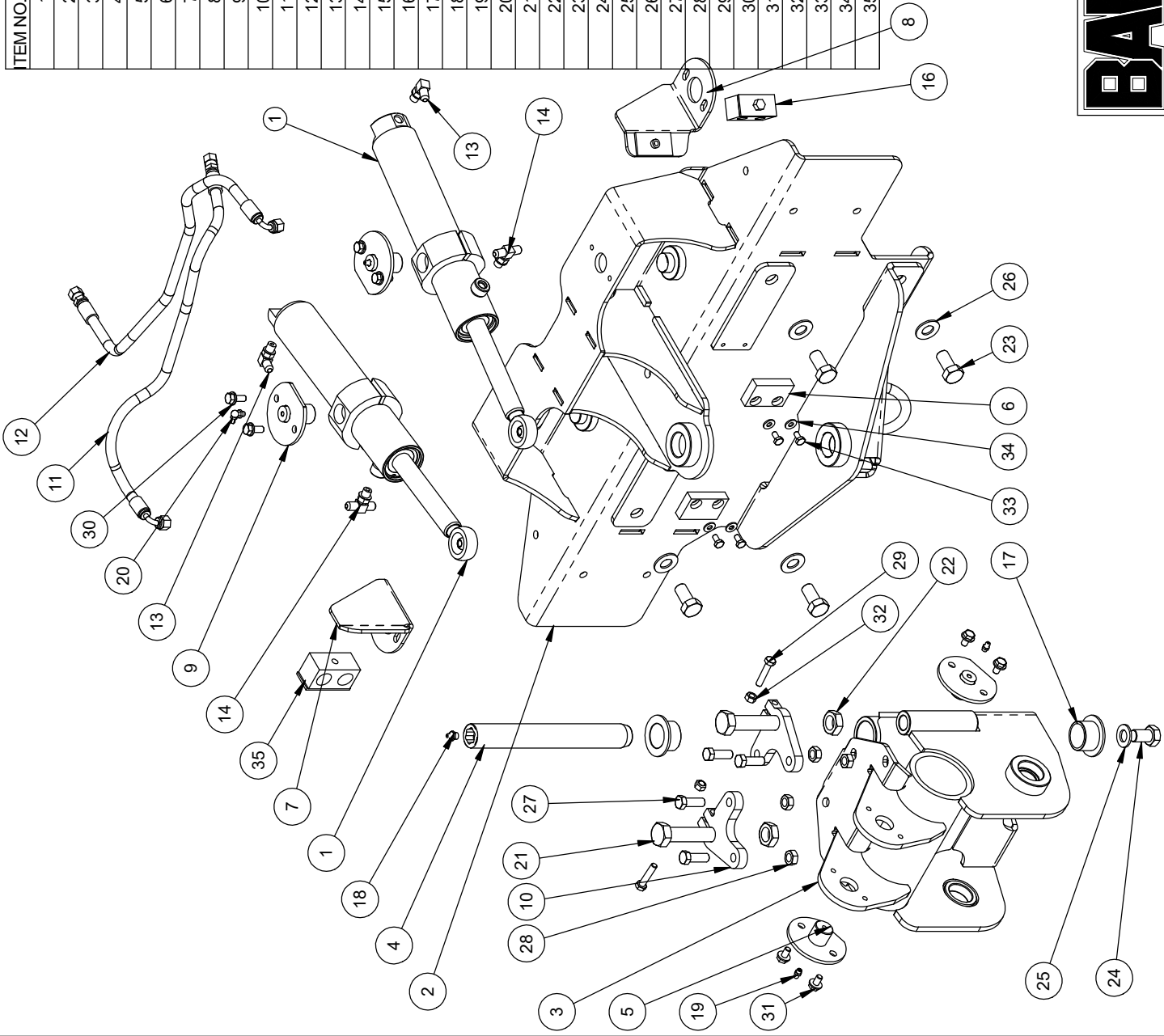
SCALE: 1:4

SHEET 1 OF 1

DWG# 00499CP

BARRETO

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	12728R	HOSE MOUNT, RT
8	1	12728L	HOSE MOUNT, LEFT
9	2	12262	TRUNION PIN
10	2	12794	PIN BRACE
11	1	12722	HOSE, SWING CROSSOVER, R, FRONT
12	1	12722	HOSE, SWING CROSSOVER, L, FRONT
13	2	04555	FITTING, 6801-4-4
14	2	04223	FITTING, 6803-4-4-4
15	1	11656	TUBE CLAMP
16	1	12359	HOSE CLAMP, 1/4"
17	2	12712	BUSHING, COMPOSITE FLANGE
18	1	105256	GREASE ZERK, 1/8 NPT
19	3	105044	GREASE ZERK, 1/4-28 UNF
20	1	105307	GREASE ZERK, 1/4-28 UNF 90°
21	2	105179	HH CAP SCREW, 3/4-16 NF X 3-1/2 G8 ZINC
22	2	105115	NUT, JAM, 3/4-16 NF ZINC
23	4	105260	HH CAP SCREW, 5/8-11 NC X 1-1/4 G5 ZINC
24	1	105178	HH CAP SCREW, 5/8-18 NF X 1 G5 ZINC
25	1	105100-B	WASHER, M 16 X 30
26	4	105272	WASHER, 5/8 SAE ZINC HARDENED
27	4	105063	HH CAP SCREW, 7/16-20 NF X 1-1/4 G8 ZINC
28	4	105355	NUT, GRIPCO, 7/16-20 NF G5 ZINC
29	2	105420	HH CAP SCREW, 5/16-24 NF X 1-1/2 G5 ZINC
30	4	105131	HH FLANGE SCREW, 5/16-18 NC X 3/4 G8 ZINC
31	4	105169	WHIZ-LOCK 5/16 - 18 X 1/2
32	2	10462	NUT, GRIPCO, 5/16-24 NF G5 ZINC
33	4	105557	HH CAP SCREW, 1/4-20 NC X 1/2 G5 ZINC
34	4	105081	WASHER, 1/4 SAE ZINC
35	1	11656	CoTUBE CLAMP

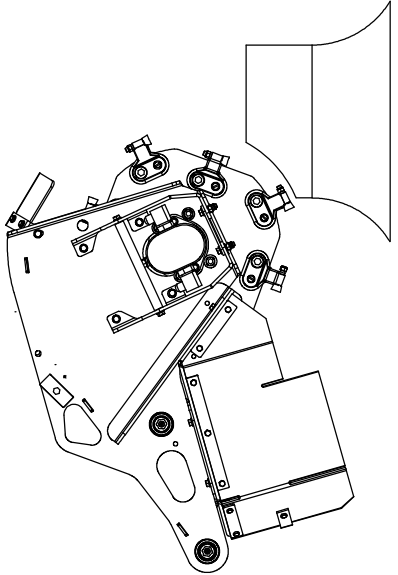


BARRETO

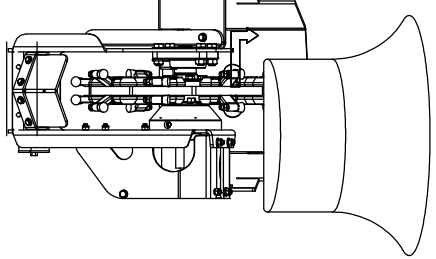
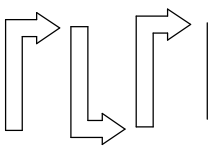
TITLE: PIVOT HEAD
 SG - CENTER PIVOT
 PRODUCT LINE: 305G - CP, 355G DATE: 10/13
 SCALE: 1:8
 SHEET 1 OF 1
 DWG# 00535

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

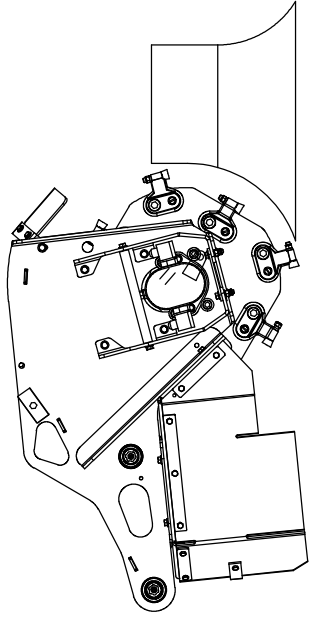
START AT TOP EDGE



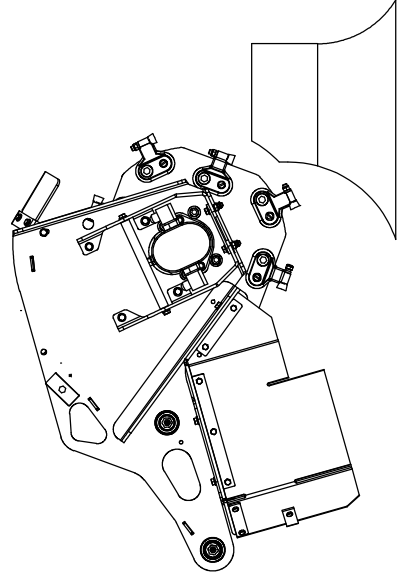
SWEEP,
DROP 1/2"
SWEEP
REPEAT



FINISH FIRST CUT



MOVE MACHINE
FORWARD TO
START NEXT CUT



BARRETO

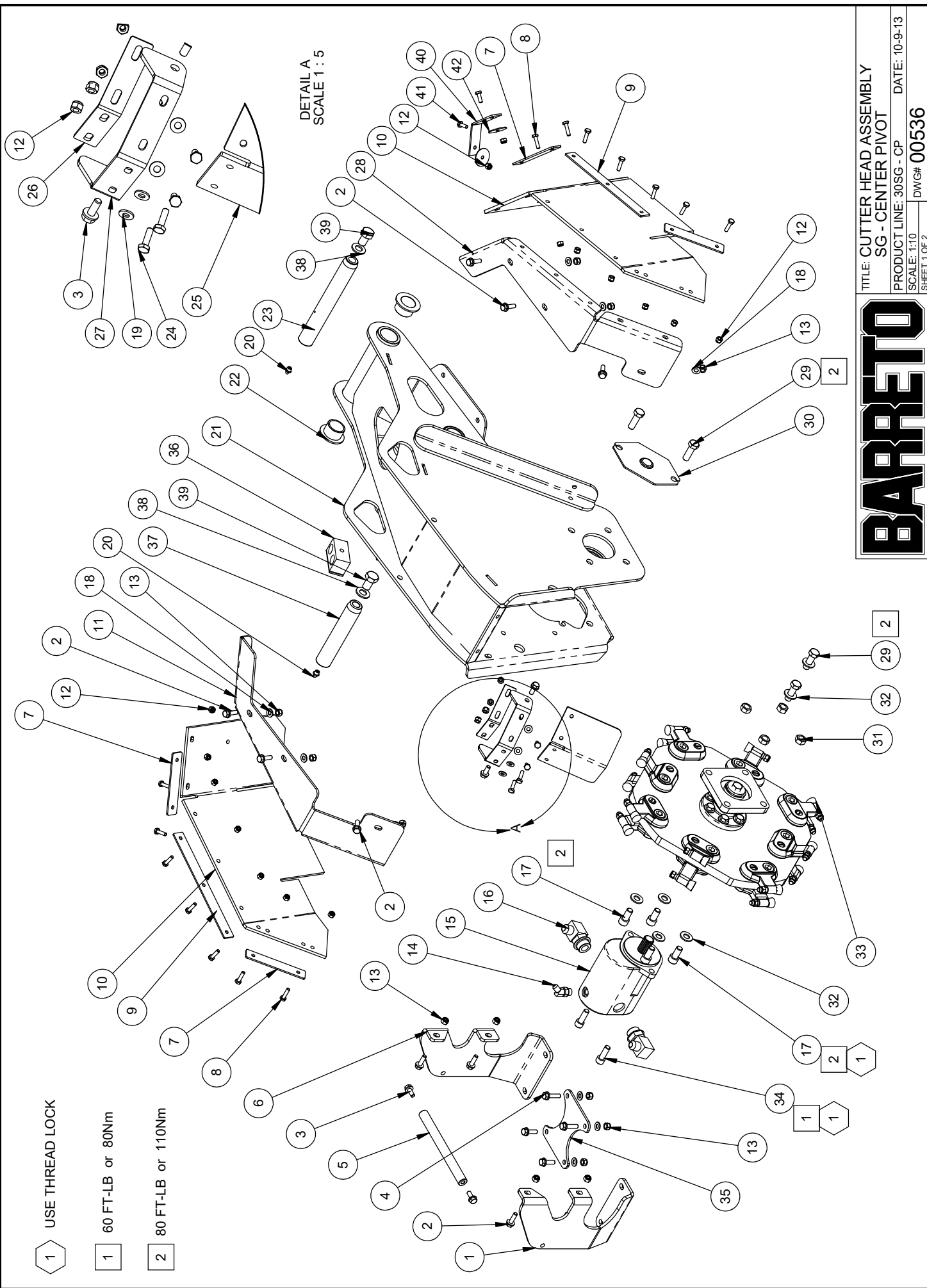
TITLE: CUTTER HEAD ASSEMBLY

PRODUCT LINE:

SCALE: 1:16

SHEET 1 OF 1

DWG# 00536-CUTTING

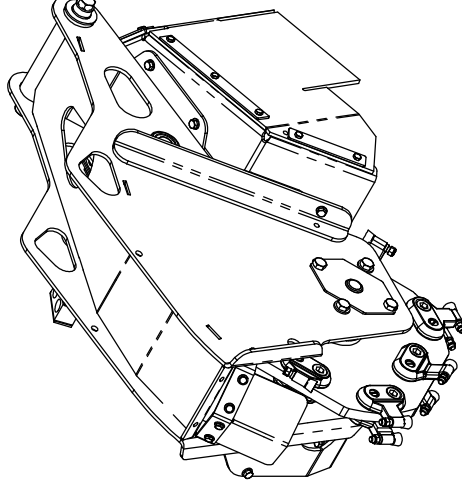


BARRETO

- 1 USE THREAD LOCK
- 1 60 FT-LB or 80Nm
- 2 80 FT-LB or 110Nm

DETAIL A
SCALE 1:5

ITEM NO.	QTY.	PART NO.	DESCRIPTION	ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	12270CP	MOTOR GUARD	25	1	12478	FRONT FLAP
2	12	05567	HH FLANGE SCREW, 5/16-18 NC X 1" G8 ZINC	26	1	12479 R1	FRONT FLAP KEEPER
3	4	05131	HH FLANGE SCREW, 5/16-18 NC X 3/4 G8 ZINC	27	1	12477	FRONT FLAP MOUNT
4	2	05138	HH FLANGE SCREW, 5/16-18 NC X 1-1/4 G8 ZINC	28	1	12716L	SKIRT MOUNT, LEFT
5	1	12269	GUARD BRACE	29	4	05300-01	HH CAP SCREW, 1/2-13 NC X 1-1/2 G5 ZINC
6	1	12270CP-L	MOTOR GUARD, LEFT	30	1	12267	BEARING COVER
7	4	12482	FLAP KEEPER	31	4	05046	NUT, GRIPCO, 1/2-13 NC G5 ZINC
8	14	05237	HH CAP SCREW, 1/4-20 NC X 1 G5 ZINC	32	6	05102	WASHER, 1/2 SAE ZINC HARDENED
9	2	12276	LEFT FLAP STRAP	33	1	100492	CUT WHEEL ASSY
10	2	12721	SKIRT	34	2	05353	SH CAP SCREW, 7/16-20 NF X 1-1/4 ZINC
11	1	12716R	SKIRT MOUNT, RIGHT	35	1	12710	GUARD BRACE
12	20	05096	NUT, NYLOCK, 1/4-20 NC ZINC	36	1	11656	TUBE CLAMP
13	16	05273	NUT, NYLOCK, 5/16-18 NC ZINC	37	1	12709T	LIFT ROD PIN
14	1	04218-1	FITTING, 6802-4-6	38	2	05100-B	WASHER, M 16 X 30
15	1	04030	GEAR MOTOR, 41cc	39	2	05178	HH CAP SCREW, 5/8-18 NF X 1 G5 ZINC
16	2	11038	FITTING, 6801-8-12	40	1	12778	FLAP TIE
17	4	05569	SH CAP SCREW, 1/2-13 NC X 1 ZINC	41	2	05554	HH CAP SCREW, 1/4-20 NC X 3/4 G5 ZINC
18	10	05068	WASHER, 5/16 SAE ZINC	42	2	05542	WASHER, 1/4 X 1 1/2 ZN
19	4	05081	WASHER, 1/4 SAE ZINC	43	1	14365	SEAL SHIELD
20	2	05256	GREASE ZERK, 1/8 NPT	44	1	14366	GUARD CLIP
21	1	12707	CUTTER HEAD, CENTER PIVOT				
22	2	12712	BUSHING, COMPOSITE FLANGE				
23	1	12771	LIFT PIVOT PIN				
24	4	05535	HH CAP SCREW, 1/4-20 NC X 7/8 G5 ZN				



BARRETO

TITLE: CUTTER HEAD ASSEMBLY
SG - CENTER PIVOT

PRODUCT LINE: 30SG - CP

DATE: 10-13

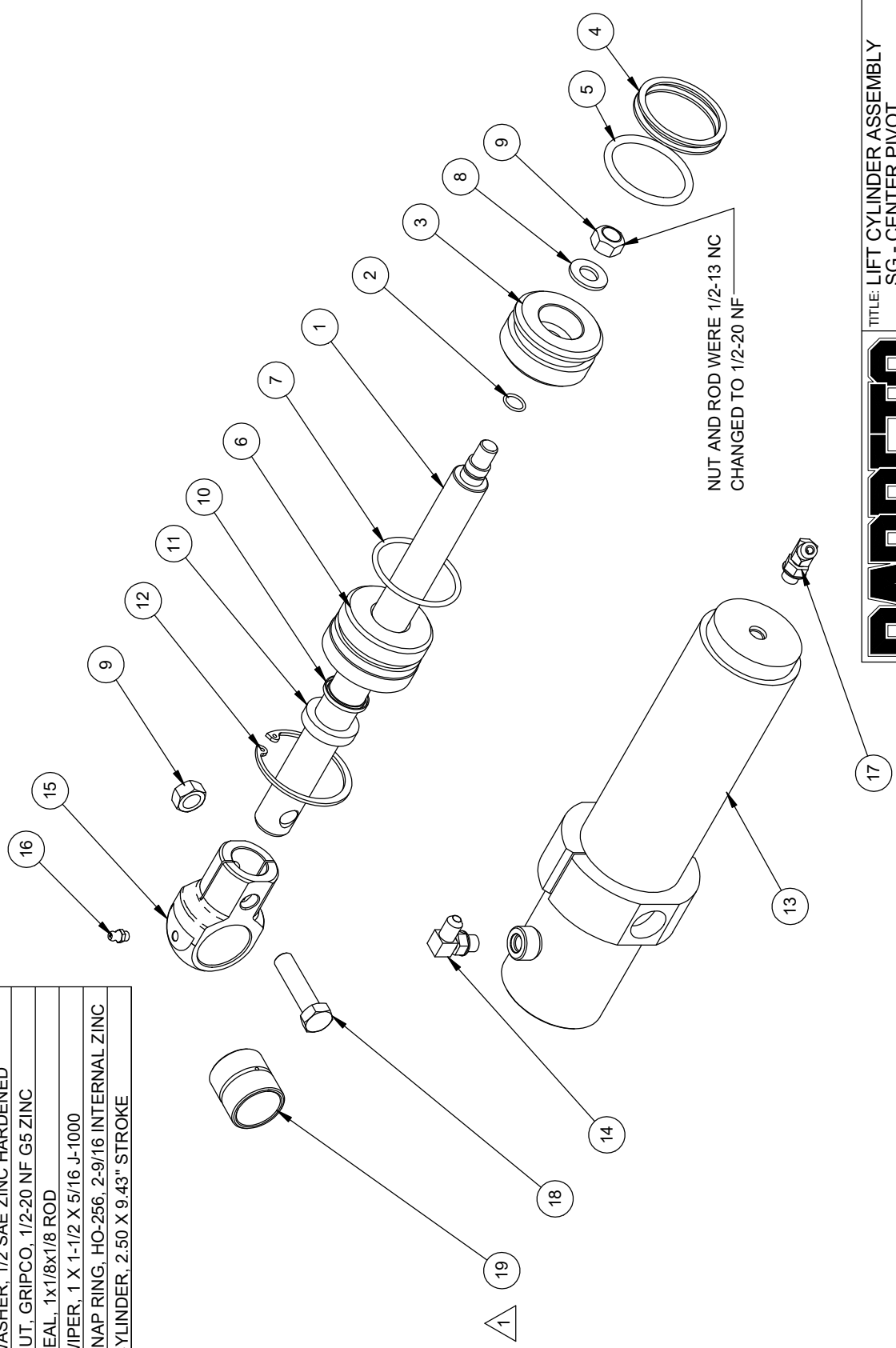
SHEET 2 OF 2

DWG# 00536

1

5-5-16 CHANGE TO STEEL BUSHING

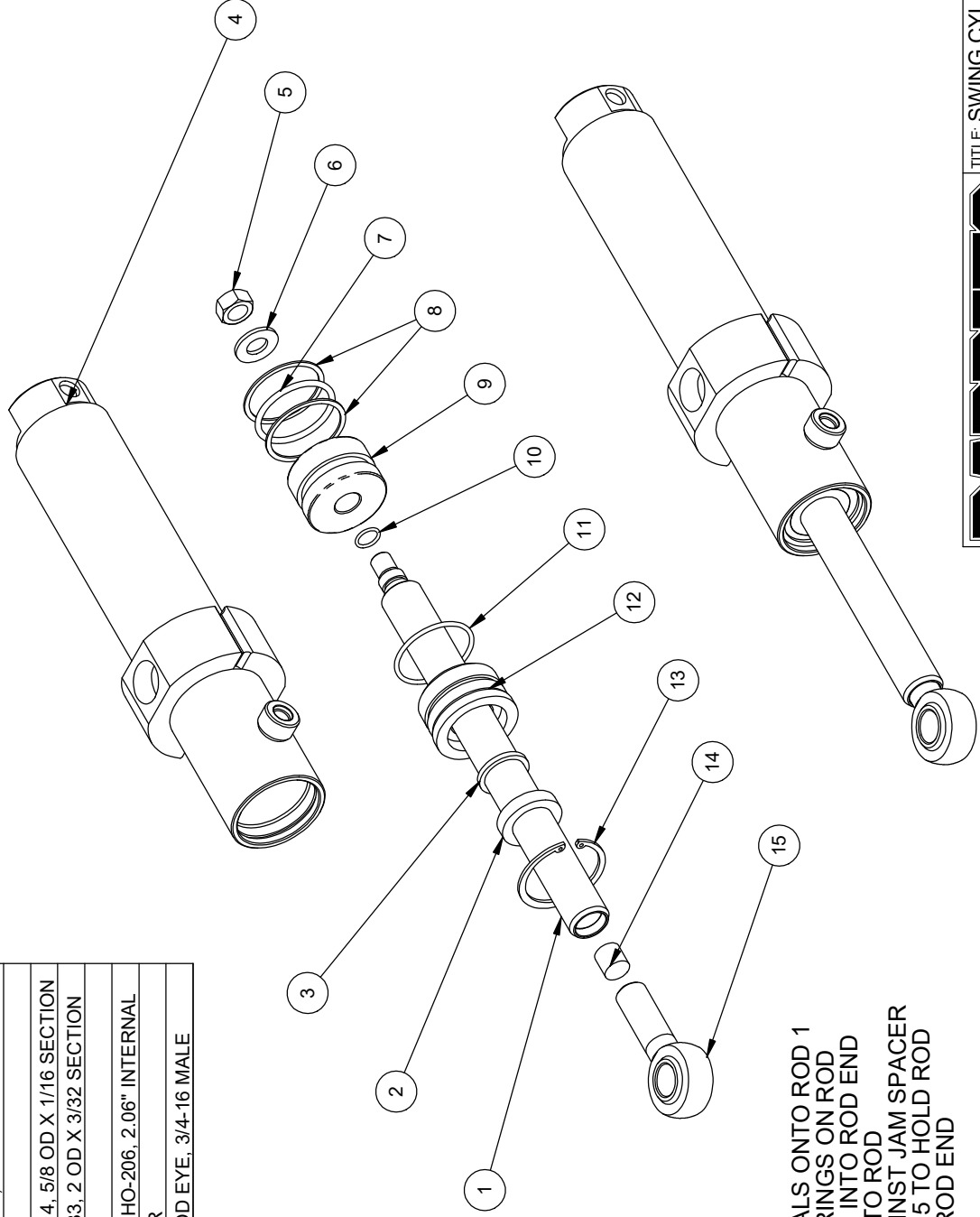
ITEM NO.	QTY.	PART NO.	DESCRIPTION	ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	02701	CYLINDER ROD	14	1	04555	FITTING, 6801-4-4
2	1	03232	O-RING, 2-014, 5/8 OD X 1/16 SECTION	15	1	02616	CYLINDER ROD END
3	1	02612	PISTON	16	1	05044	GREASE ZERK, 1/4-28 UNF
4	2	03237	BACK-UP RING, 8-330N90 PARBAK	17	1	04218	FITTING, 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	03502	BUSHING, CONNEX 1.5X1.25X1
7	1	03234	O-RING, 2-228, 2-1/2 OD X 1/8 SECTION				
8	1	05102	WASHER, 1/2 SAE ZINC HARDENED				
9	2	05076	NUT, GRIPCO, 1/2-20 NF 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				



BARRETO

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

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

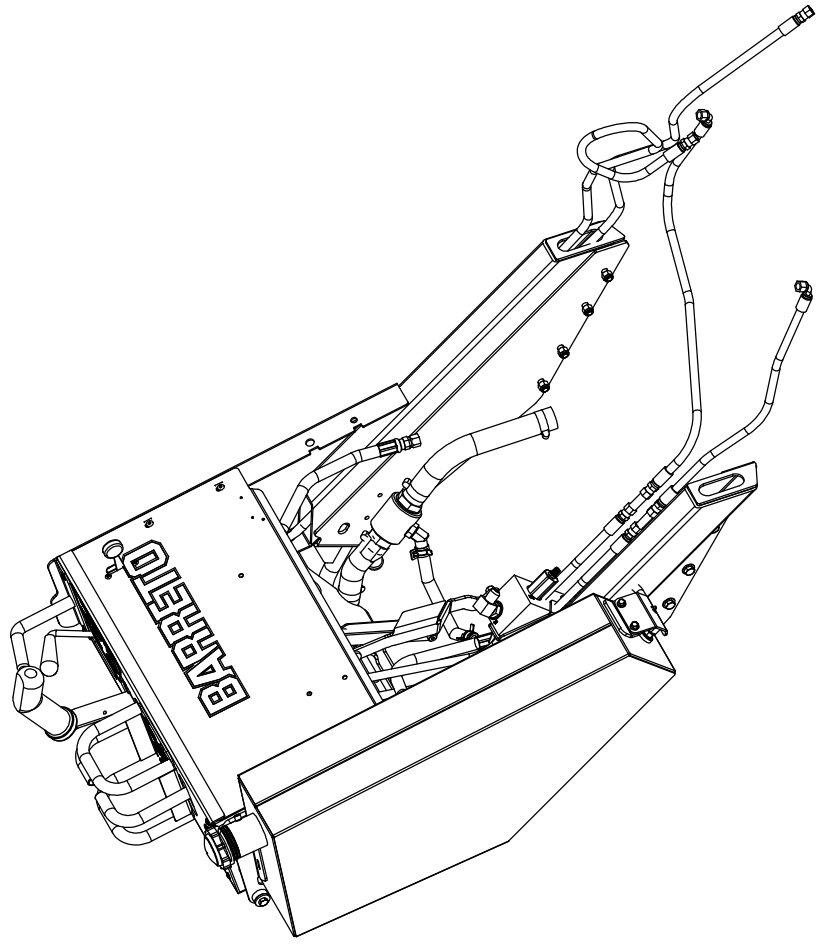
BARRETO

TITLE: SWING CYLINDER ASSEMBLY
 CENTER PIVOT SG
 PRODUCT LINE: 30SG - CP DATE: /08
 SCALE: 1:4
 SHEET 1 OF 1 DWG# 00538

TEMNO.	QTY.	PART NO.	DESCRIPTION
1	1	13326	HAND REST
2	1	12332T	CONTROL PANEL
3	5	05273	NUT, NYLOCK, 5/16-18 NC ZINC
4	1	00497	CYLINDER VALVE ASSEM
5	1	12312T R1	SPEED LEVER, RIGHT
6	1	12311 R1	SPEED LEVER, LEFT
7	8	05554	HH CAP SCREW, 1/4-20 NC X 3/4 G5 ZINC
8	8	05096	NUT, NYLOCK, 1/4-20 NC ZINC
9	4	12381	IGUS FLANGE JFL-20
10	12	05081	WASHER, 1/4 SAE ZINC
11	4	05351	SHSB, 3/8S X 1/4SL X 5/16 NC, BK OX
12	2	12330	SPEED LINK, TOP
13	1	12775	LEFT HAND REST
14	3	05175	HH CAP SCREW, 5/16-18 NC X 2-1/4 G5 ZINC
15	4	05557	HH CAP SCREW, 1/4-20 NC X 1/2 G5 ZINC
16	1	12457T	SPEED LINK, LOWER RT
17	2	05002	NUT, GRIPCO, 5/16-18 NC G5 ZINC
18	1	03515-T	THROTTLE CABLE
19	4	05233	SCREW #10-24 X 1/2 PPH
20	12	05507	BHSCS, 1/4 NC X 1/2 ZN
21	8	05059	HH CAP SCREW, 3/8-16 NC X 1 G5 ZINC
22	8	05101	WASHER, 3/8 SAE ZINC
23	1	12723B	HOSE, UNLOAD LEFT / SWING ROD LEFT
24	1	12726	HOSE, LEFT A / LIFT PISTON
25	1	12725	HOSE, LEFT B / LIFT ROD
26	8	05073	NUT, NYLOCK, 3/8-16 NC ZINC
27	1	12724B	HOSE, UNLOAD RT / SWING ROD RT
28	1	12723A	HOSE, RT A / UNLOADER LEFT
29	1	12724A	HOSE, RIGHT B / UNLOADER RIGHT
30	1	12288T	CONTROL TOWER
31	1	03340	FUSE / RELAY HOLDER ASSEM
32	1	11627B	IGNITION SWITCH PLATE, BRIGGS
33	1	04451-02	DECAL, RIGHT TRACK
34	1	04451-01	DECAL, LEFT TRACK
35	1	04451-CP-03	DECAL, CUTTER CONTROL
36	1	03040-02	DECAL, "BARRETO", 3-1/2 X 11-1/4
37	1	14381	HOSE, 3/8" LIFT VALVE / FILTER
38	1	00385	COOLER ASSEMBLY
39	1	12314-T	FRONT COVER
40	4	05365	CLIP NUT, 1/4-20
41	1	12313D	CUTTER VALVE
42	1	12331	SPEED LINK, LOWER, LEFT
43	1	00456-SG-M	METAL TANK ASSEMBLY

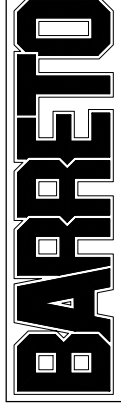
1

1 REF. 31 : 03340 USED ON 30SG POWERED BY BRIGGS ENGINE
03332-H USED ON 30SG POWERED BY HONDA ENGINE



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

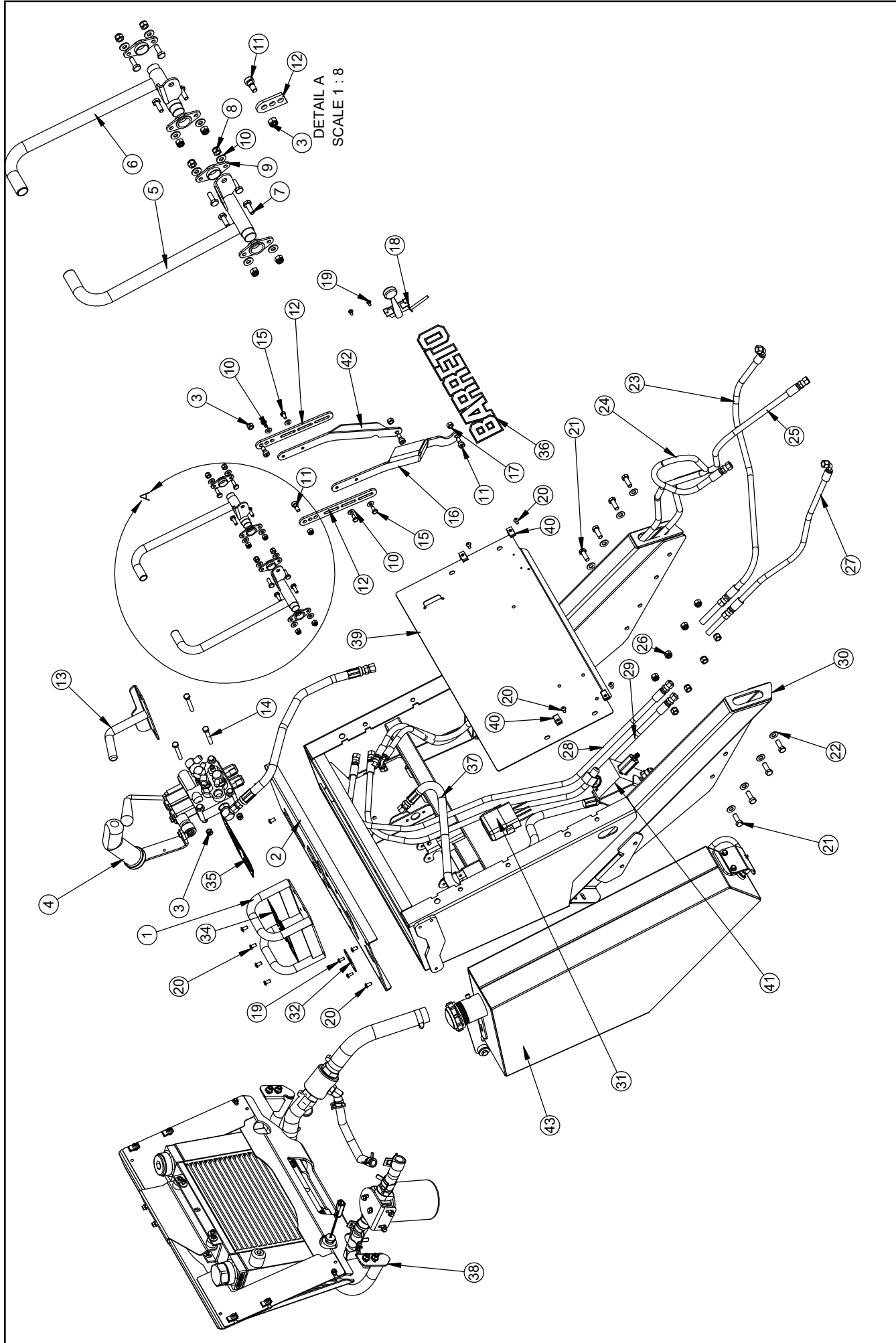
TITLE: CONTROL ASSEMBLY



PRODUCT LINE: 30SG HYDAC

SCALE: 1:12
SHEET 1 OF 2

DWG# 00539 HY-30



TITLE: CONTROL ASSEMBLY

PRODUCT LINE: 30SG - HYDAC

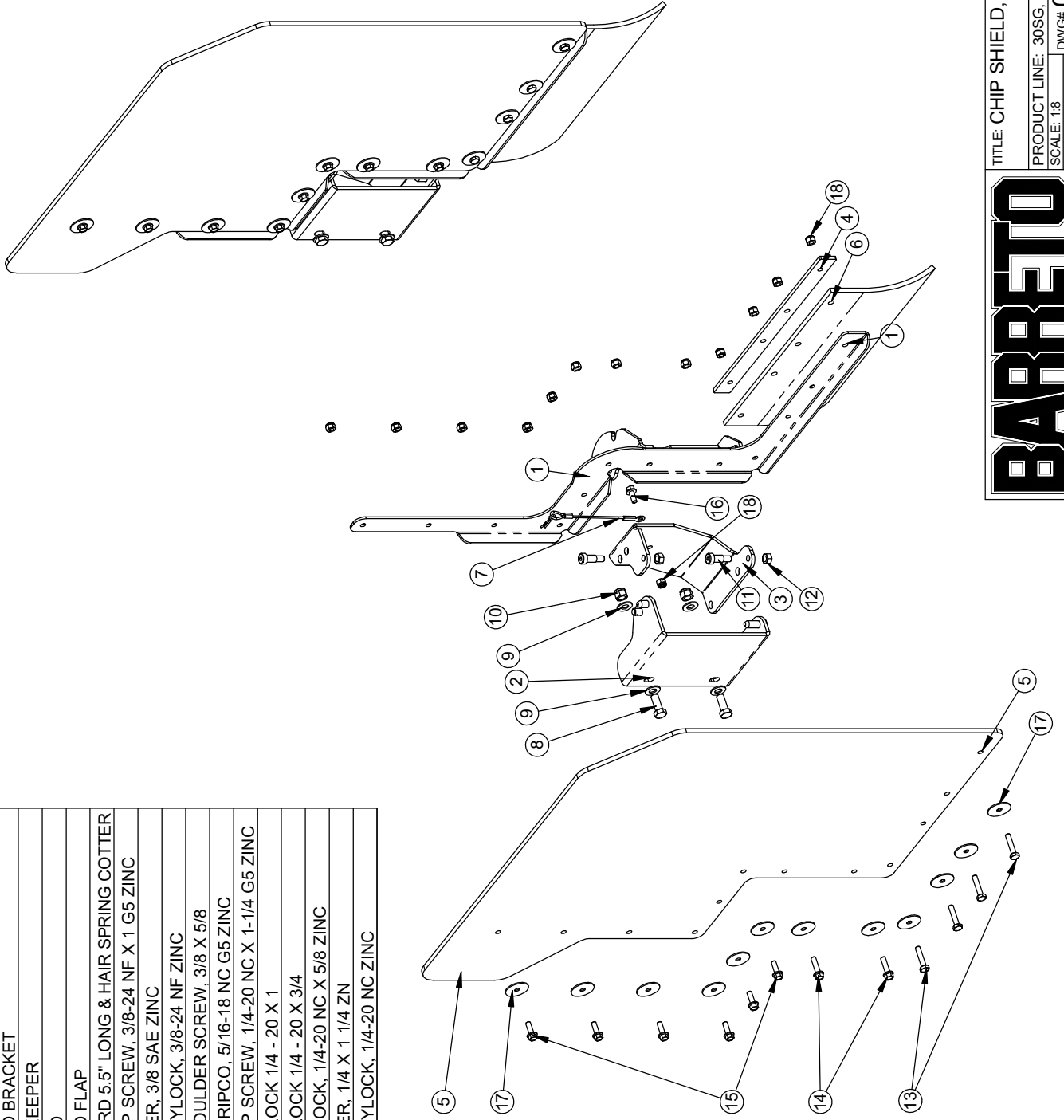
SCALE: 1:16

SHEET 2 OF 2

DWG# 00539 HY-30

BARRETO

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



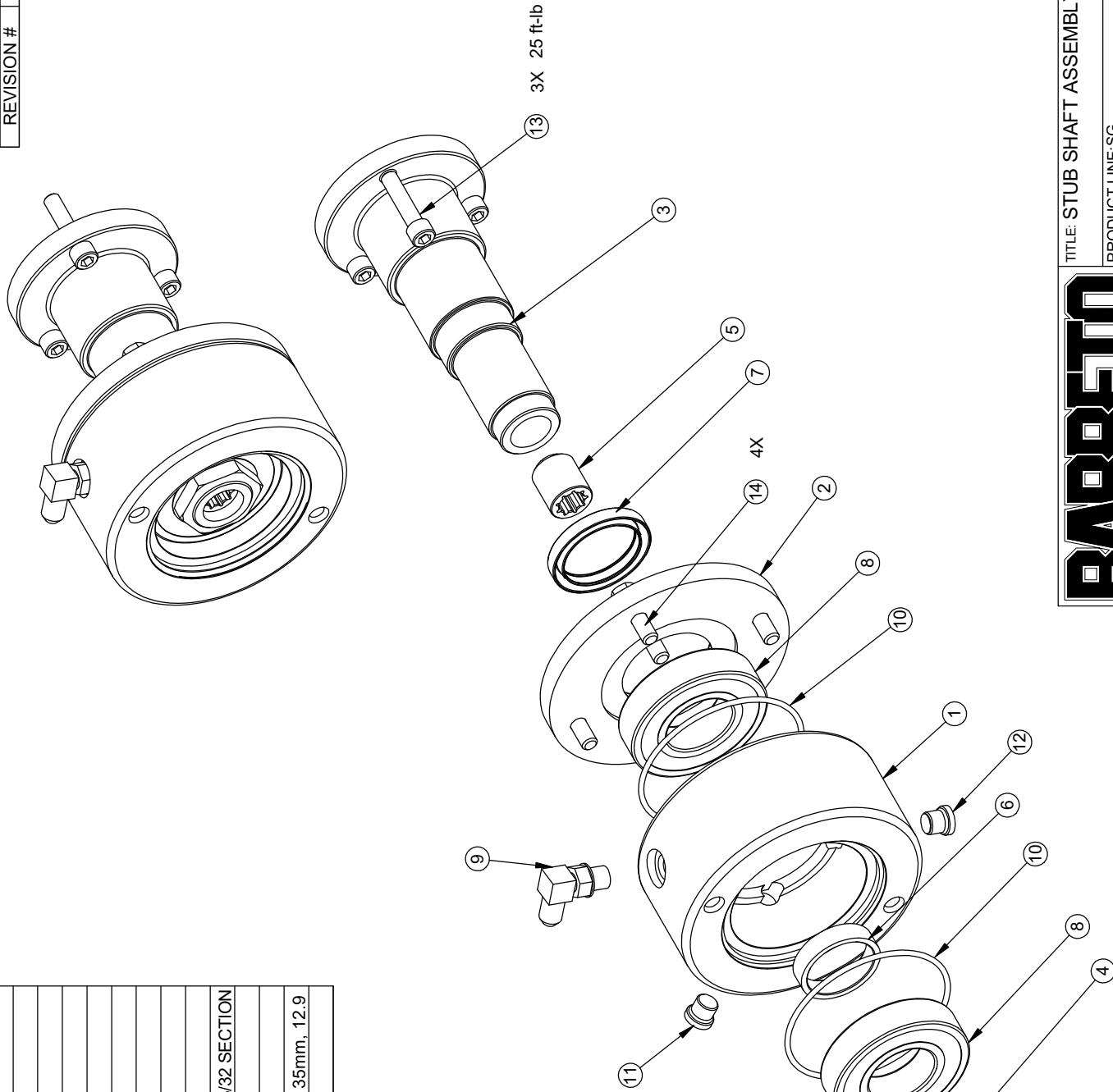
RELEASE DATE 7/2014
 REVISED DATE 5/31/14

BARRETO

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

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

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



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

BARRETO

TITLE: STUB SHAFT ASSEMBLY, BRIGGS

PRODUCT LINE: SG

SCALE: 1:3

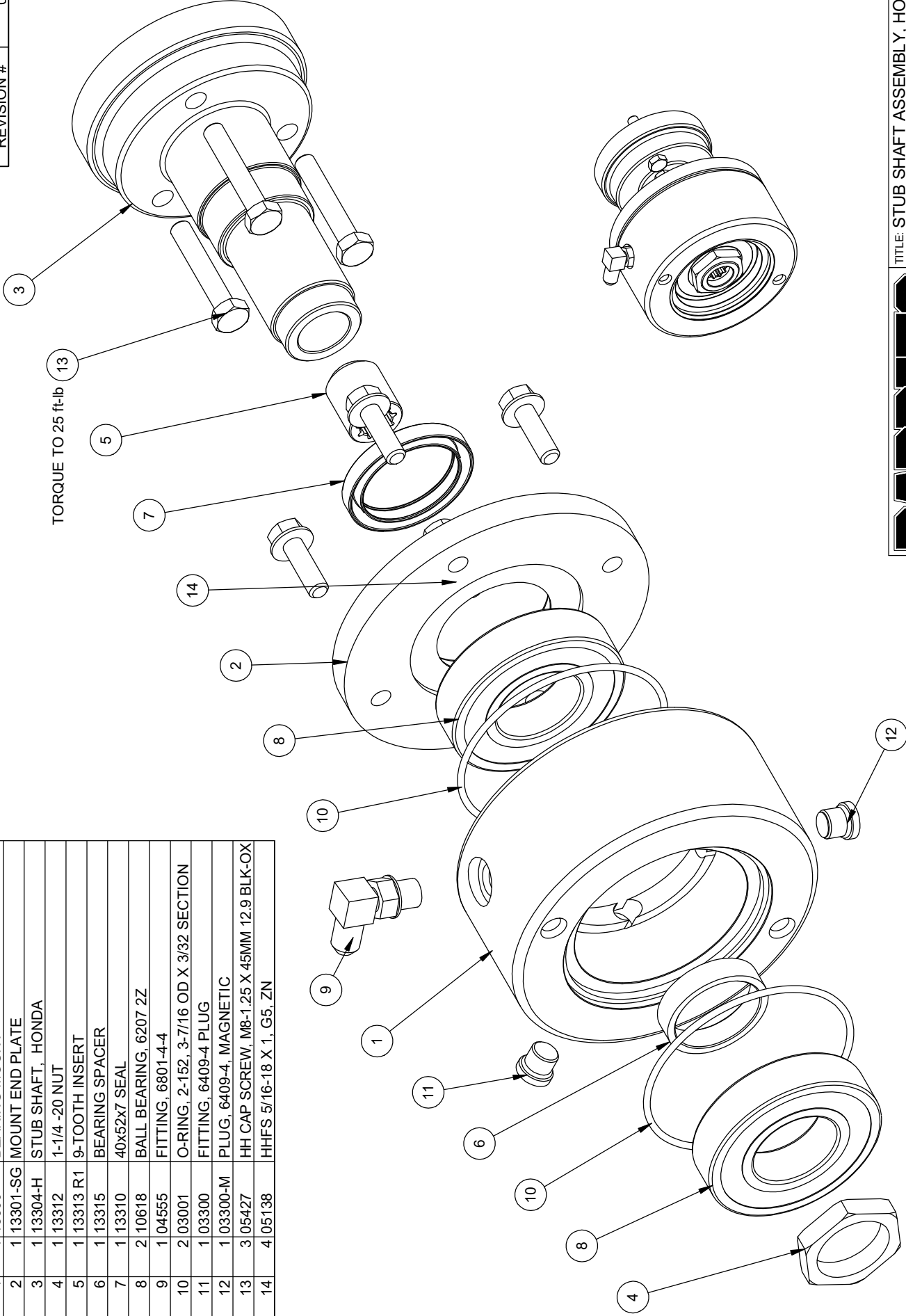
SHEET 1 OF 1

DWG# 00605-B-SG

MEDIUM STRENGTH
(BLUE) THREADLOCKER
TORQUE TO 50 lb-ft

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	13300	BEARING MOUNT
2	1	13301-SG	MOUNT END PLATE
3	1	13304-H	STUB SHAFT, HONDA
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 ZZ
9	1	104555	FITTING, 6801-4-4
10	2	03001	O-RING, 2-152, 3-7/16 OD X 3/32 SECTION
11	1	103300	FITTING, 6409-4 PLUG
12	1	103300-M	PLUG, 6409-4, MAGNETIC
13	3	05427	HH CAP SCREW, M8-1.25 X 45MM 12.9 BLK-OX
14	4	05138	HHFS 5/16-18 X 1, G5, ZN

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

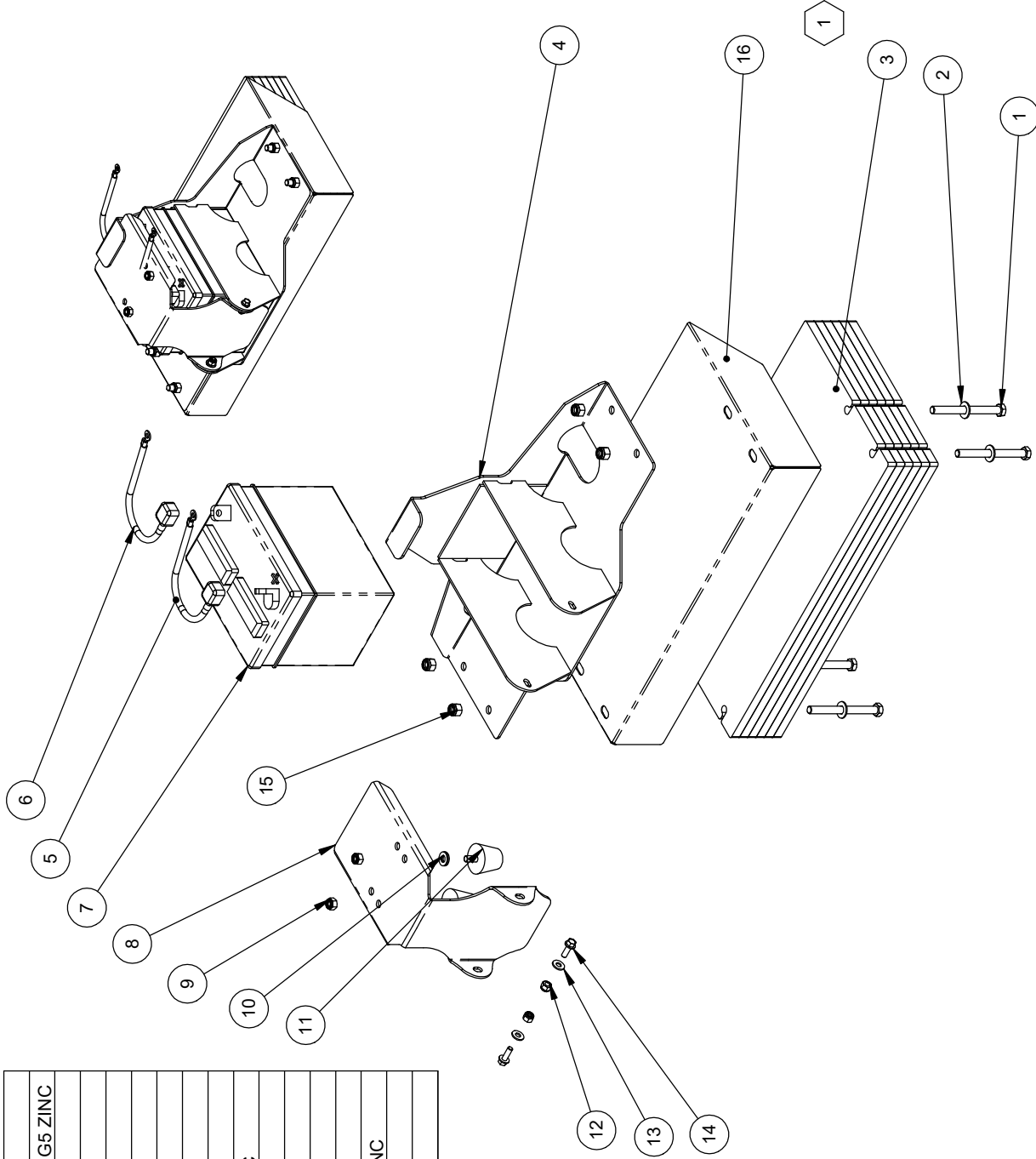


BARRETO

TITLE: STUB SHAFT ASSEMBLY, HONDA

PRODUCT LINE	SG30H
SCALE	1:2
SHEET 1 OF 1	DWG# 00605-H-SG

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	6	11634P	WEIGHT, 1/2 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-ASS	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-6 PLATES



1

37 HP MODEL USES 4 WEIGHTS & COVER 13476

BARRETO

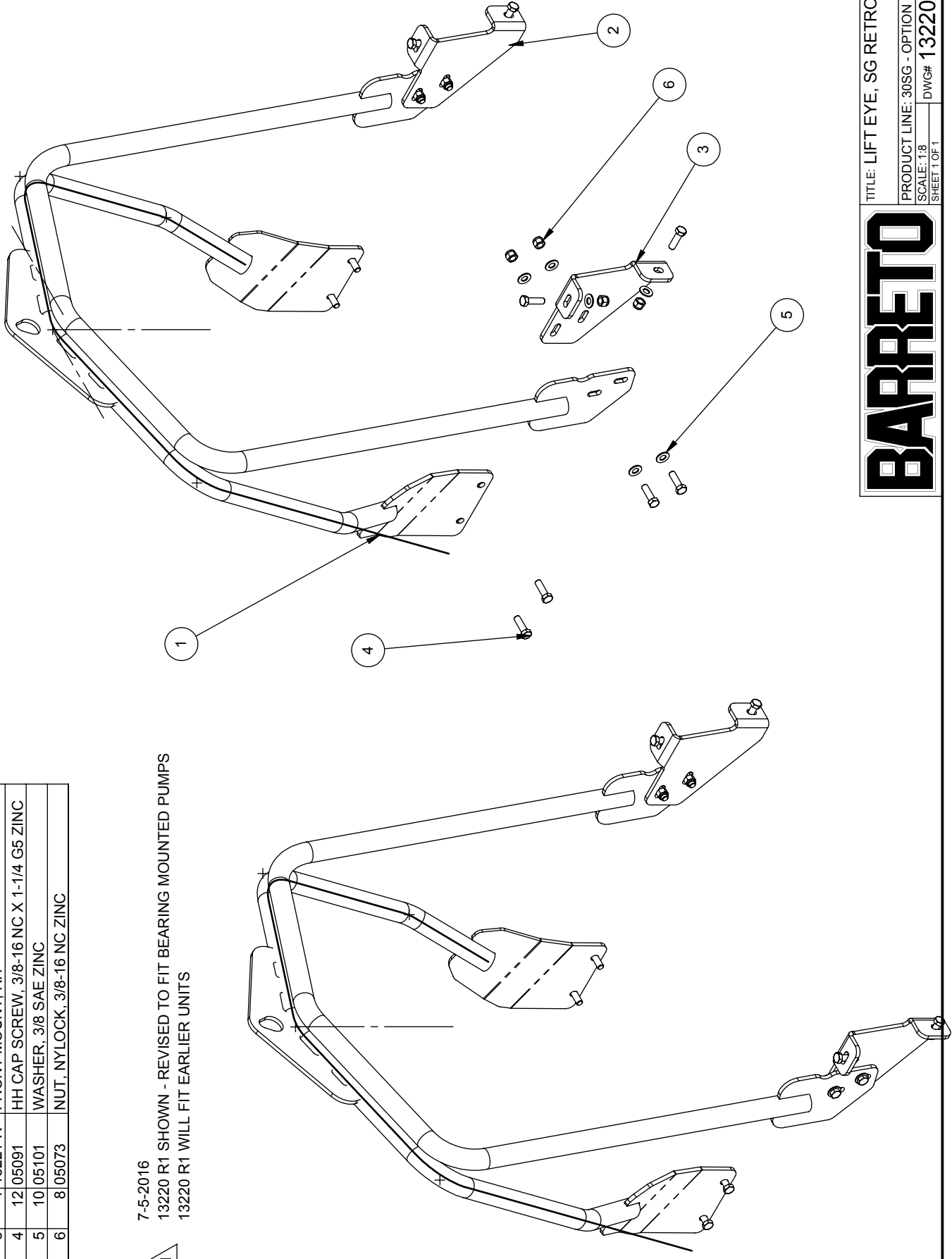
TITLE: BATTERY & WEIGHT ASSEMBLY

PRODUCT LINE: 30SG / 37SG DATE: 1/14

SCALE: 1:8 SHEET 1 OF 1 DWG# 00326-SG

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



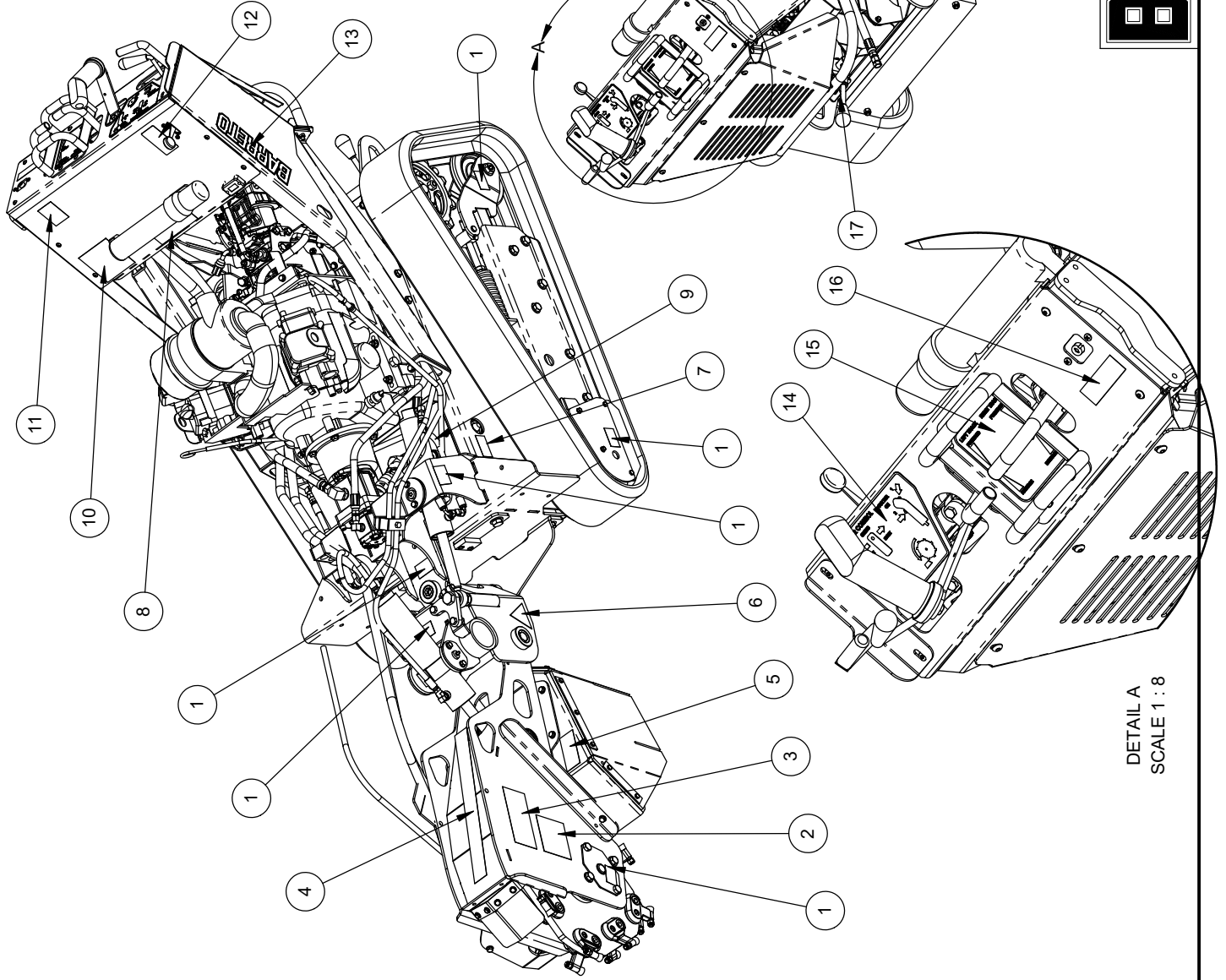
TITLE: LIFT EYE, SG RETRO-BOLT-ON

PRODUCT LINE: 30SG - OPTION DATE: 15-15

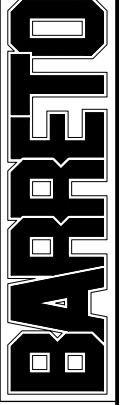
SCALE: 1:8 DWG# 13220-ASSEM

BARRETO

REF.	PART NO.	DESCRIPTION
1	03040-04	GREASE DAILY
2	04451-CP-05	GREASE CHART, SG
3	04451-04	30 SG
4	03341-02	DANGER STRIPES
5	04451-10	DANGER, ROTATING BLADE
6	04451-11	DANGER, PINCH POINT
7	03040-57	OIL LEVEL
8	04451-09	WARNING, READ MANUAL
9	03040-06	HYDRAULIC OIL ONLY
10	04451-06	SAFETY SYMBOLS, PROTECTIVE GEAR
11	03040-01	MADE IN USA
12	04440-05	THROTTLE
13	03040-02	BARRETO, (LARGE)
14	04451-CP-03	CUTTER CONTROL
15	04451-TK	TRACK CONTROL
16	03341-07	IGNITION, ON-OFF
17	04450-16	PARK BRAKE

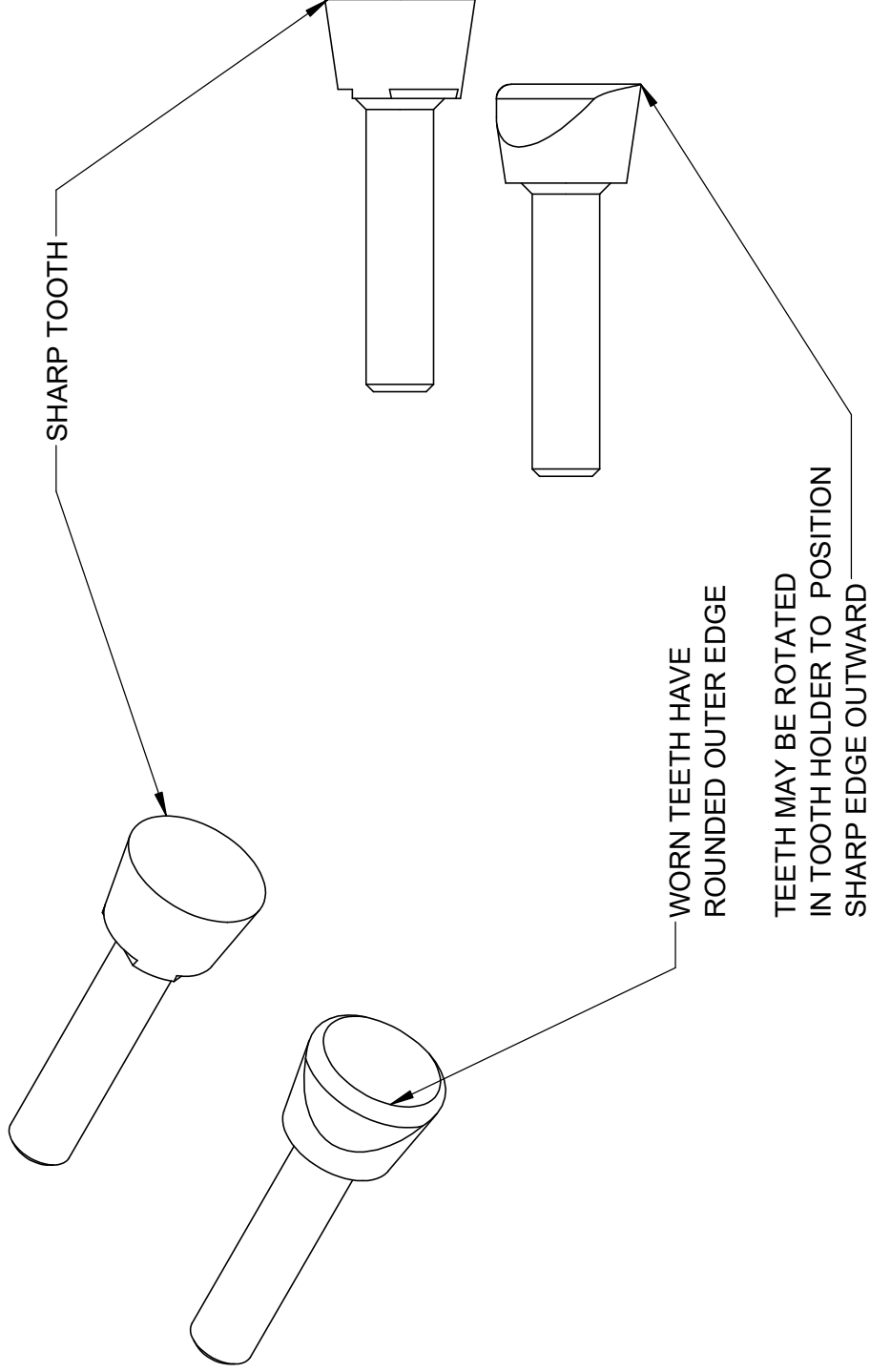


TITLE: 30 SG DECAL LOCATION CHART
 PRODUCT LINE: 30 SG DATE: 1-22-16
 SCALE: 1:16 DWG#: E30SG-DECALS
 SHEET 1 OF 1



DETAIL A
 SCALE 1 : 8

REV	DESCRIPTION	DWN	PER
00/XX/XX	INITIAL RELEASE FOR PROTOTYPE DEVELOPMENT		MZL



TITLE:

TOLERANCES UNLESS OTHERWISE SPECIFIED

BARRETO

FRACTIONS:
≥ 1/16 = ± 1/16
1/32 = ± 1/32
1/64 = ± 1/64

DECIMALS:
X = ± .1
.XX = ± .03
.XXX = ± .005

ANGLES:
± 2°

PRODUCT LINE:

SCALE: 1:1

SHEET 1 OF 1

DWG# TOOTH WEAR

CUTTER WHEEL REPLACEMENT PARTS

<u>Part#</u>	<u>Description</u>
12280	Cutter tooth, includes collar and nut, 700 series Wearsharp
12280-K	Set of 16 cutter teeth, Wearsharp
12280-COMP	Complete set of teeth, 8 angled & 8 straight holders, & bolts for the cutter wheel
12281	Tooth holder, straight. 700 Wearsharp
12281-K	Tooth holder set of 16, includes 4 straight and 12 angled
12282	Tooth holder, angled, 700 Wearsharp
12282-K	Tooth holder set of 16, includes 8 straight and 8 angled
12283	Cutter bolt
12283-K	Set of 16 cutter bolts
12284	Tooth collar, 700 series Wearsharp
05273	Tooth nut, 700 series Wearsharp

K4451-CP Stump Grinder

P/N 04450-16



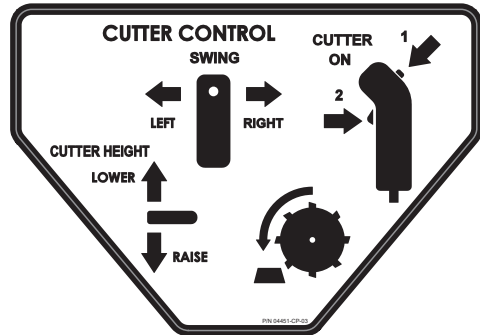
P/N 04440-05



P/N 03341-07



P/N 04451-CP-03



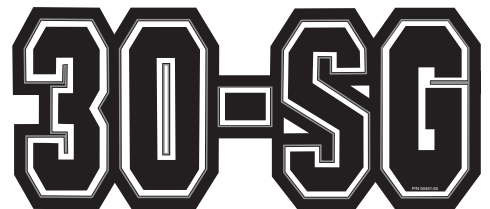
P/N 03040-02



P/N 03040-06



P/N 04451-04



P/N 03040-57



P/N 03040-04



P/N 03040-01



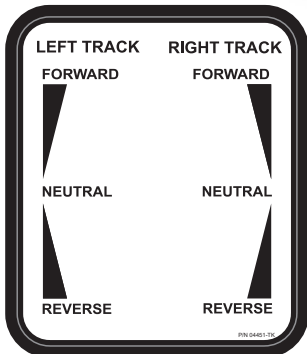
P/N 03345



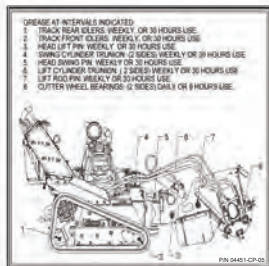
P/N 03341-02



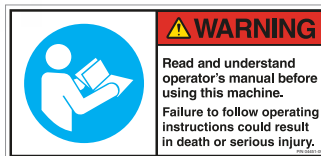
P/N 04451-TK



P/N 04451-CP-05



P/N 04451-09



P/N 04451-06



P/N 04451-10



P/N 03346





Recycling



ENVIRONMENTAL PROTECTION: Please recycle any unwanted materials as opposed to disposing them as general waste. It is recommended the original is retained and used to store the product when not in use for prolonged periods of time. If this is not applicable ensure the materials are sorted and recycled in accordance with local regulations.



SPECIFICATION CHANGE: It is our policy to continually improve products to ensure these meet the rigours of the industry we serve. Therefore, as such we reserve the right to alter specifications, data, components & parts with-out prior notice.

WARRANTY: Please refer to the manufactures terms & conditions.

IMPORTANT: No liability will be accepted for the incorrect use of this product.

KEEP THIS BOOKLET FOR FUTURE REFERENCE

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