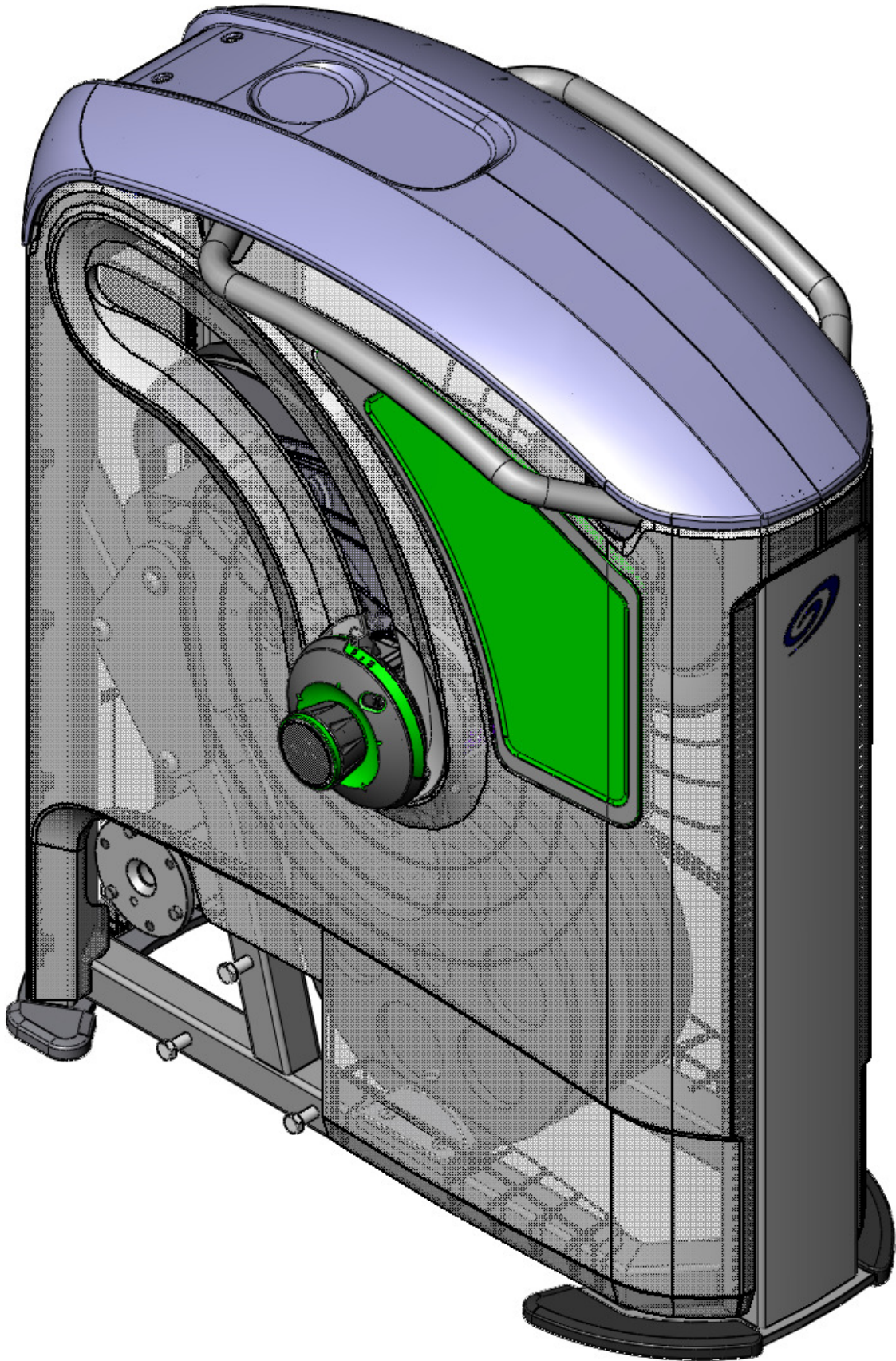


WT-SYS-250-5

MATERIAL. --

FINISH. --

COLOR.



REVISIONS				
ECO	REVISION	REV DESCRIPTION	APPROVED	DATE
071607-G	A	Initial Release	GMW	7/16/2007
081407-A	B	Replace rear shield bolt with shorter one.	GMW	8/14/2007
...	C	Updated Part Numbers	GMW	11/1/2007
062708-A	D	Updated Part Numbers	GMW	7/2/2008

ITEM	250 Wt System with 5 lb Add-on/QTY.	PART NO.	DESCRIPTION
1	1	ENGINE-WT-250-5	ENGINE WEIGHT 250 LB 5 LB INCR
2	1	60-1202	S6 Tower Backframe
3	1	62-1211	HANDLEBAR TOWER
4	2	09-1213	Footpad Rubber Tower Front "ONE"
5	2	09-1214	Footpad Rubber Tower Rear "ONE"
6	1	01-4050	BUTTON HEAD SOCKET CAP SCREW ¼ -20 x ¾" BRIGHT ZINC
7	2	01-4060	BUTTON HEAD SOCKET CAP SCREW, ¼ -20 x 3/8" BRIGHT ZINC
8	1	KIT-TOWR-SHIELD	SHIELD KIT FOR S6 WEIGHT SYS
9	2	03-1055	1/2" Lock Nut
10	1	04-5207	WASHER, FLAT, ½" SAE
11	2	01-4054	BUTTON HEAD SOCKET CAP SCREW, ½ -13 x 1½" BRIGHT ZINC
12	1	07-4005	Elson PF1008
13	1	01-4053	BUTTON HEAD SOCKET CAP SCREW, ½ -13 x 1" BRIGHT ZINC
14	1	67-1200	Weight Drive Tower Positive Cam
15	2	56-0035	CLAMP BELT 1 1/4"
16	1	24-6045 (49.5")	Component Belt Weight Engine "ONE" - 49.5"
17	4	01-4035	¼ -20 UNC x 1¼ Wiz Lock Bolt
18	1	KNOB-LB-250-5	Weight Select Knob Assy
19	1	09-5030	FOOTPAD MOLDED BLACK
20	4	01-4070	BUTTON HEAD SOCKET CAP SCREW, 5/8 -11 x 1" BRIGHT ZINC
21	1	09-1273	Stop Weight Lower Engine "ONE"
22	1	56-0143	Mount Plate Inside Engine "ONE"
23	1	56-0144	Mount Plate Outside Engine "ONE"
24	1	56-0096	Mount Tower Display Marketing
25	1	03-4035	1/4-20 INSERT 11/16" LONG
26	2	02-9220	3/8 -16 UNC x 1¼ Bolt
27	2	01-1550	3/8 -16 UNC x 3 Bolt
28	4	02-3056	SCW-FHSCS 0313-18x0.625 G8-Zc
29	2	02-3054	SCW-FHSCS 0250-20x0.625 G8-Zc
30	4	03-1035	3/8" Lock Nut
31	2	03-2020	1/4" Lock Nut
32	1	09-4092	BUMPER
33	1	09-1272	Stop Weight Upper Engine "ONE"
34	1	12-5620	NLS Logo 3" Decal (001-4009)
35	1	12-5625	Engine Cover Decal "ONE"
36	1	12-1380	MADE IN USA
37	1	19-1291	SERIAL NO. DECAL
38	1	12-5626	NLS ONE Back Dome
39	1	12-5621	NLS ONE 3" Dome Decal (000-6491)
40	3	01-0011	½ -13 UNC x 3 Bolt
41	2	56-0217	Clamp Belt ONE

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16400 SE NAUTILUS DRIVE, VANCOUVER, WA 98683

UNLESS OTHERWISE SPECIFIED:
1. ALL DIMENSIONS APPLY BEFORE PLATING OR COATING.
2. REMOVE ALL BURRS. BREAK SHARP EDGES .001 IN MAX.
3. ALL MACHINED SURFACES Ra 125 µIN.
3. ALL APPLICABLE NAUTILUS STANDARDS AND SPECIFICATIONS APPLY.

INCH



TOLERANCES:
X .XX ± .125
X.XX ± .020
X.XXX ± .010
X.XXX ± .005
XX ± .004
XX ANGULAR ± 1°

(INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994)

DESIGNED G.WEBB
DRAWN G.Webb
DATE 09/07/07

DO NOT SCALE DRAWING

TITLE Tower Weight Engine "ONE" 250-5

SIZE PART NO. WT-SYS-250-5 REV. D

SCALE: 1:2 SHEET 1 OF 7

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INDIA_201010

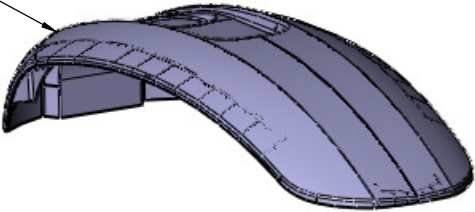
WT-SYS-250-5

MATERIAL. --

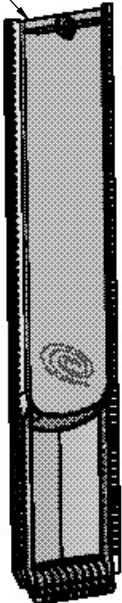
FINISH. --

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	See Weight Tower BOM	-	-

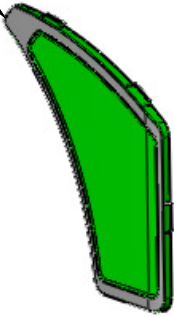
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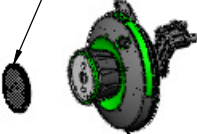
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09-1201

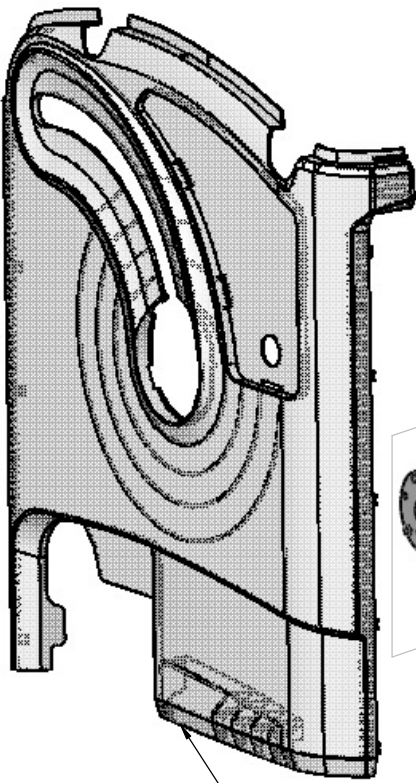


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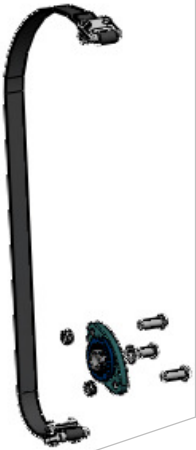


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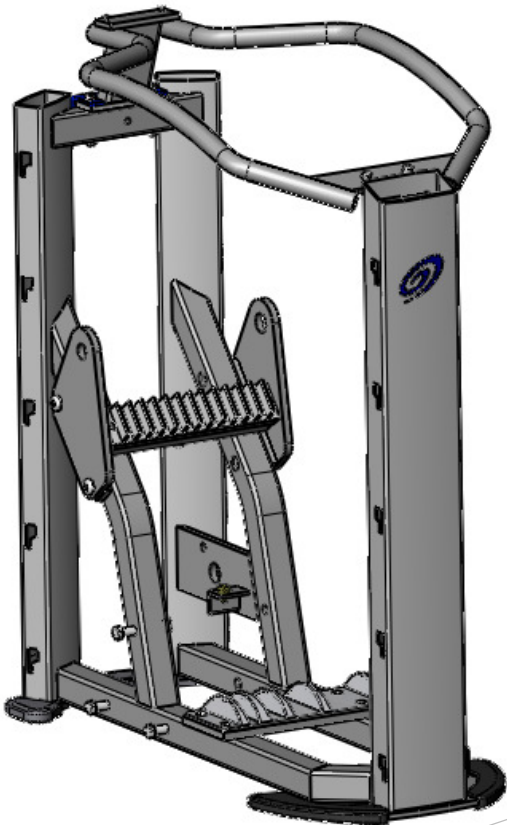
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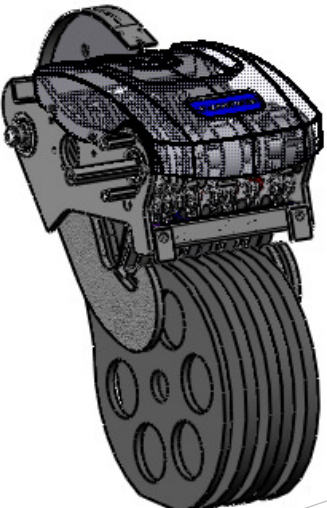
09-1205



BELT AND CAM ASSY

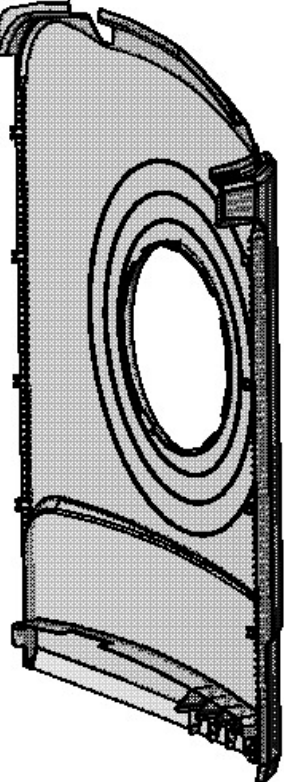


FRAME AND ENGINE MOUNTS

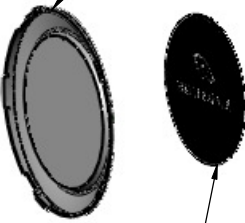


ENGINE WT-250-5

09-1206



09-1207



12-5626

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CONTACT email / phone #

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2. REMOVE ALL BURRS, BREAK SHARP EDGES 0.5 MM MAX.
3. ALL MACHINED SURFACES Ra 3.2 uM.
4. ALL APPLICABLE NAUTILUS STANDARDS AND SPECIFICATIONS APPLY.

METRIC

THIRD ANGLE PROJECTION



TOLERANCES.
X. ± 3
X.X ± 0.5
X.XX ± 0.25
X.XXX ± 0.1
ANGULAR ± 1°
(INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994)

DESIGNED G.WEBB
DRAWN G.Webb
DATE 09/07/07

TITLE Tower Weight Engine "ONE" 250-5

SIZE D PART NO. WT-SYS-250-5 REV. D

SCALE: 1:6 SHEET 2 OF 7

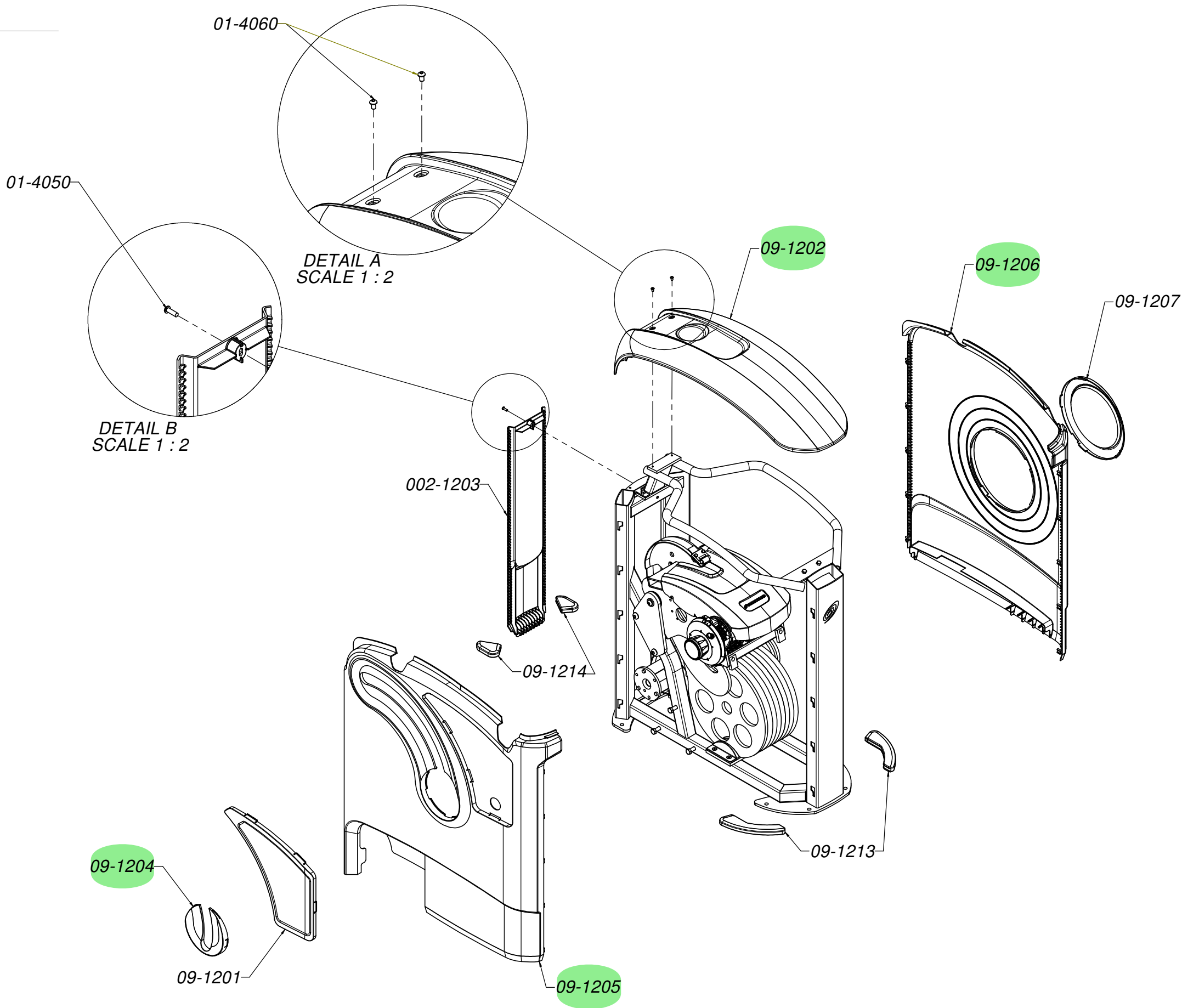
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WT-SYS-250-5

MATERIAL: --

FINISH: --

ZONE		REV	DESCRIPTION	REVISIONS	DATE	APPROVED
			See Weight Tower BOM			



MATERIAL. . .

FINISH. - -

DETAIL C
SCALE 1 : 2

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	See Weight Tower BCM	-	-

UNLESS OTHERWISE SPECIFIED:

1. ALL DIMENSIONS APPLY BEFORE PLATING OR COATING.
2. REMOVE ALL BURRS, BREAK SHARP EDGES .020 IN MAX.
3. ALL MACHINED SURFACES Ra 125 µIN.
3. ALL APPLICABLE NAUTILUS STANDARDS AND SPECIFICATIONS APPLY.

DO NOT SCALE DRAW

(INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994)

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INCH



ON	TOLERANCES.	X.	± .125
		X.X	± .020
		X.XX	± .010
		X.XXX	± .005
		X/X	± 1/64
		ANGULAR	± 1°

DESIGNED	G.WEBB
DRAWN	G.Webb
DATE	09/07/07

TITLE.	Tower Weight Engine "ONE" 250-5		
SIZE	PART NO.	WT-SYS-250-5	REV. D

WING	L	SCALE: 1:3	SHEET 4 OF 7
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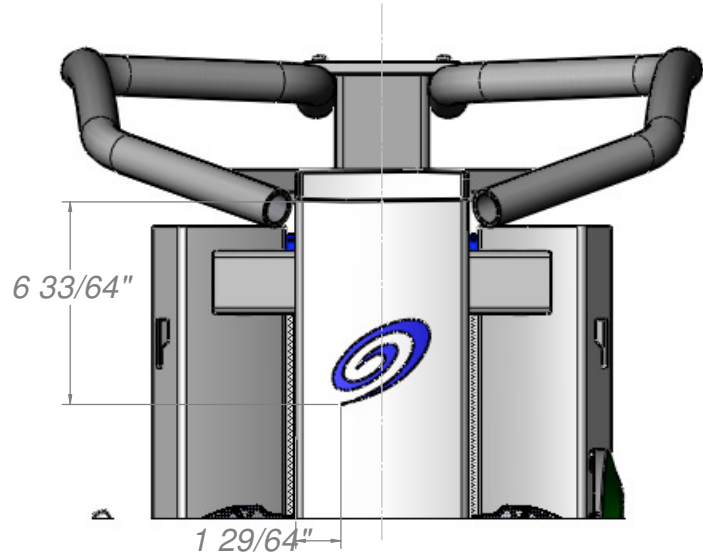
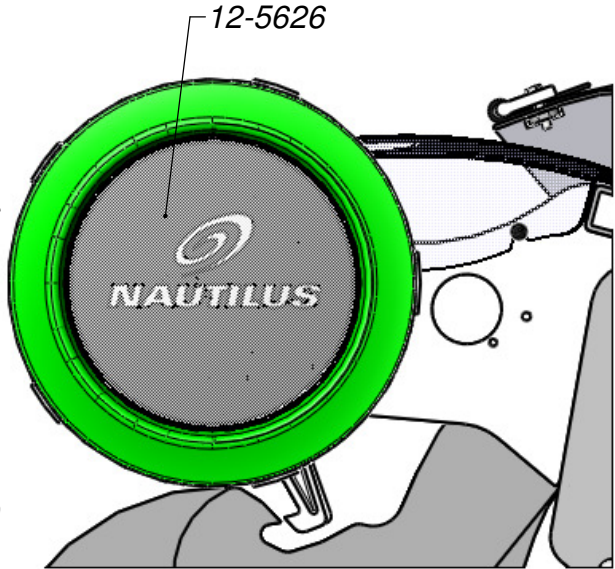
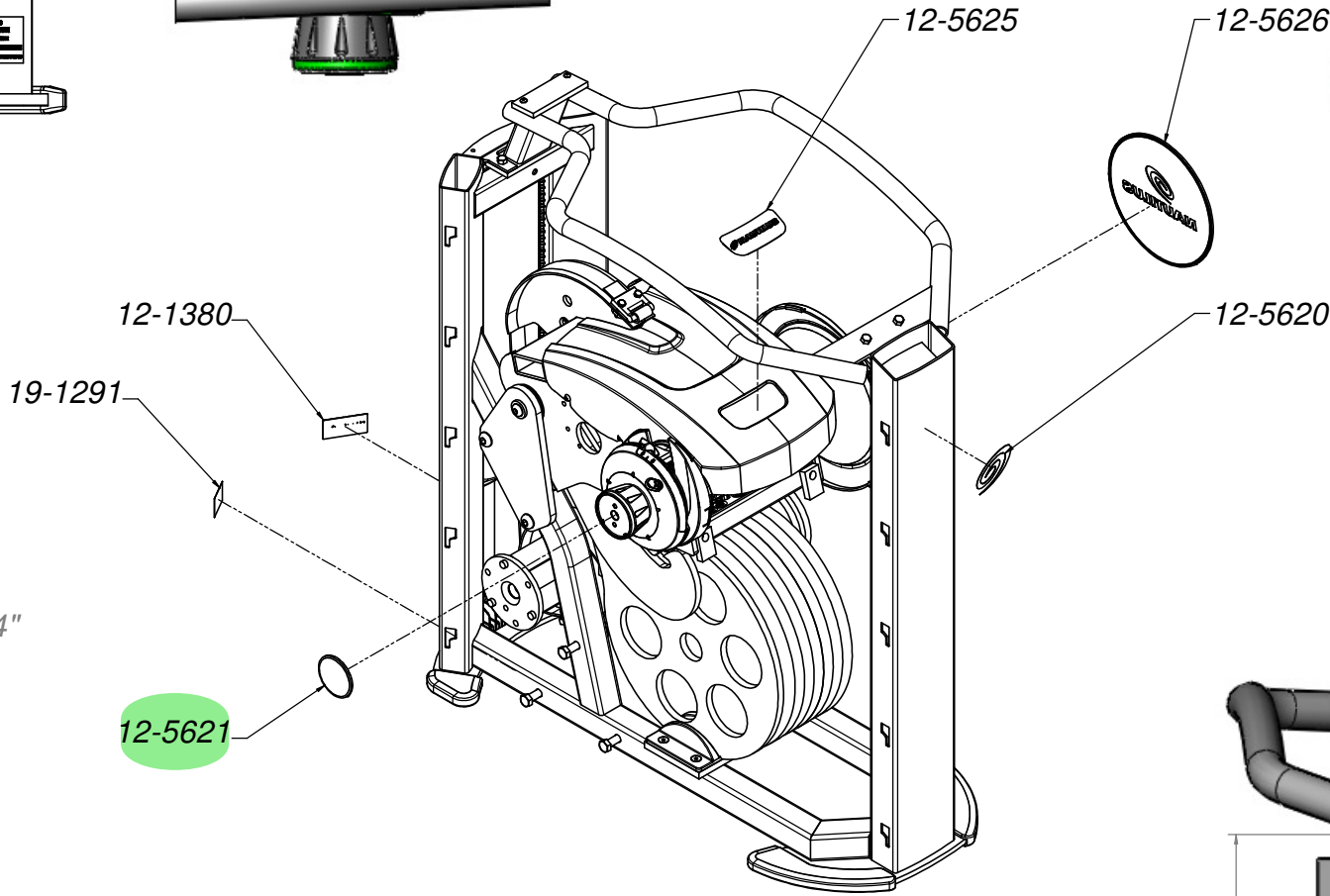
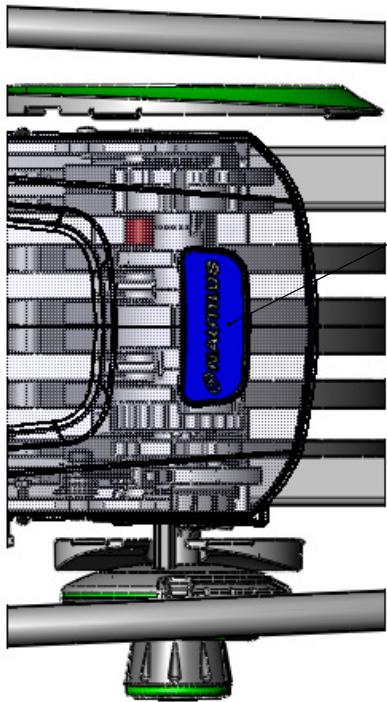
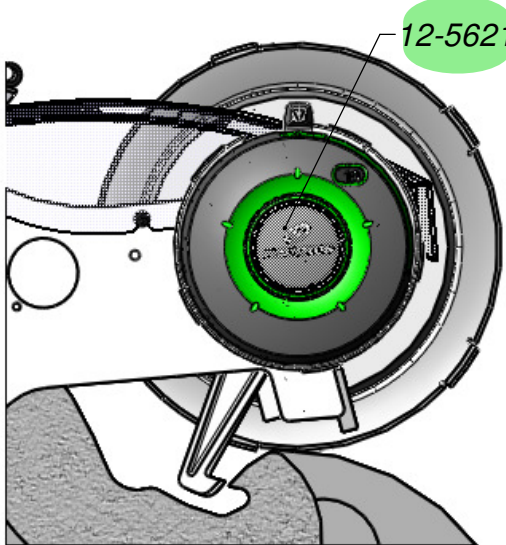
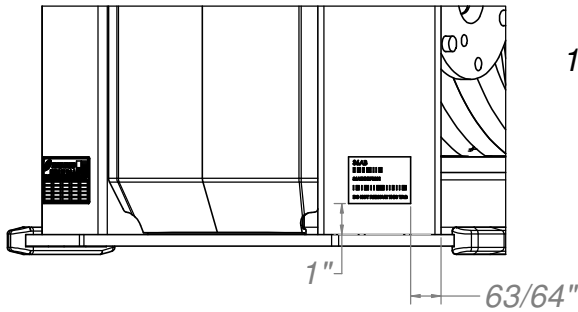
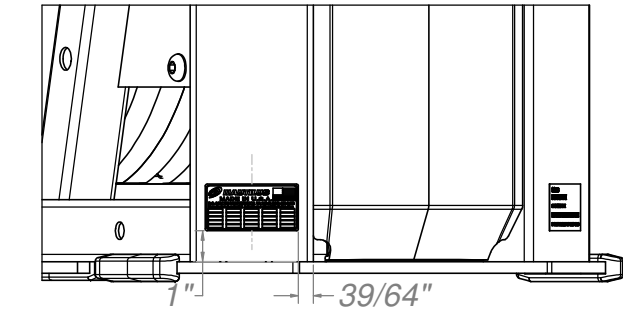
NOH & REYS

WT-SYS-250-5

MATERIAL: --

FINISH: --

ZONE		REV.	DESCRIPTION	DATE	APPROVED
			See Weight Tower BOM		



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CONTACT email / phone #



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3. ALL MACHINED SURFACES Ra3.2 UM.
4. ALL APPLICABLE NAUTILUS STANDARDS AND SPECIFICATIONS APPLY.

METRIC



TOLERANCES:
X. ± 3
X.X ± 0.5
X.XX ± 0.25
X.XXX ± 0.1
ANGULAR ± 1°

DESIGNED: G.WEBB
DRAWN: G.Webb
DATE: 09/07/07

TITLE: Tower Weight Engine "ONE" 250-5
SIZE: PART NO. WT-SYS-250-5
E SCALE: 1:4
REV. D SHEET 5 OF 7

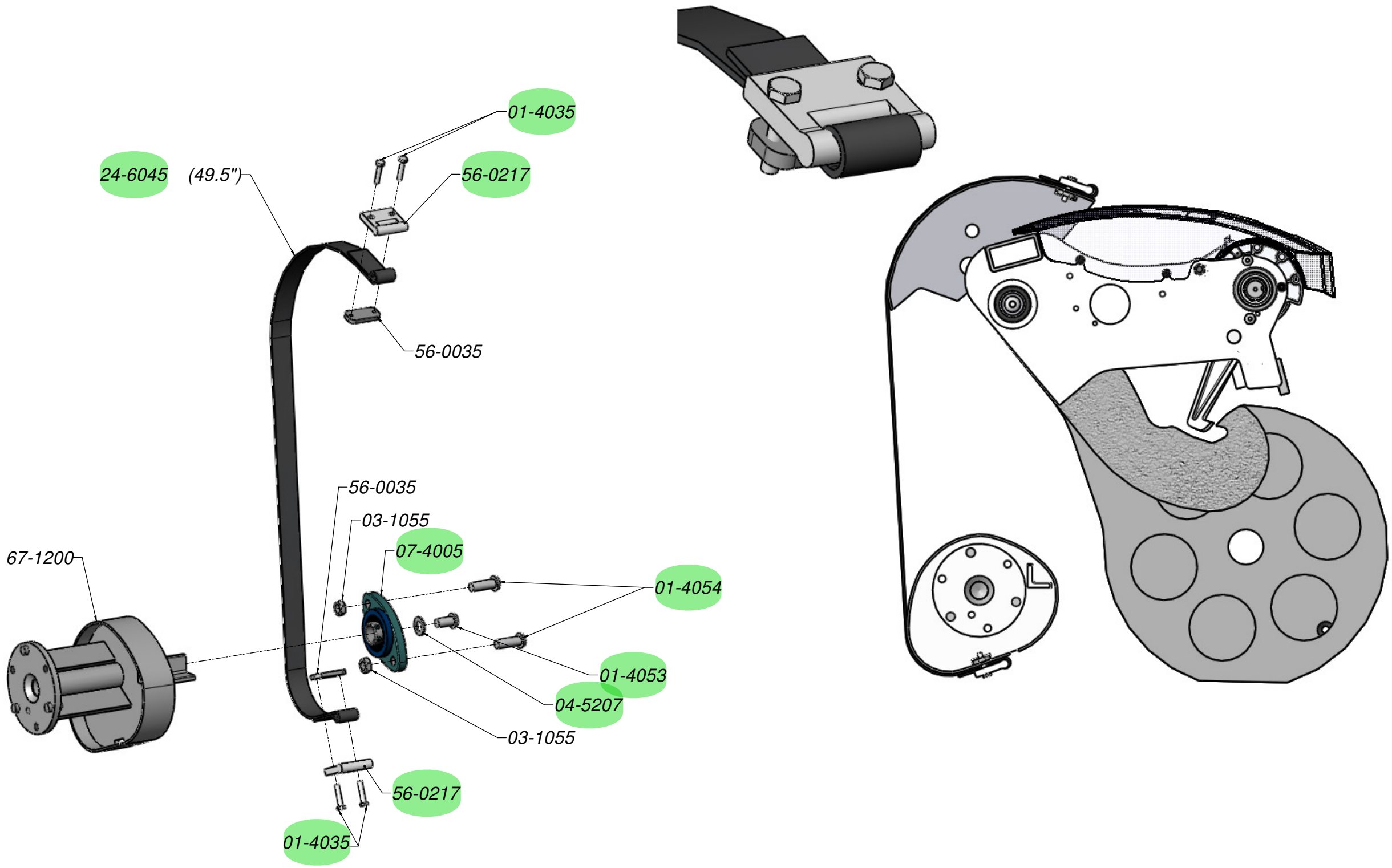
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WT-SYS-250-5

MATERIAL: --

FINISH: --

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
		See Weight Tower BOM		



WT-SYS-250-5

MATERIAL: --

FINISH: --

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	See Weight Tower BOM	-	-

