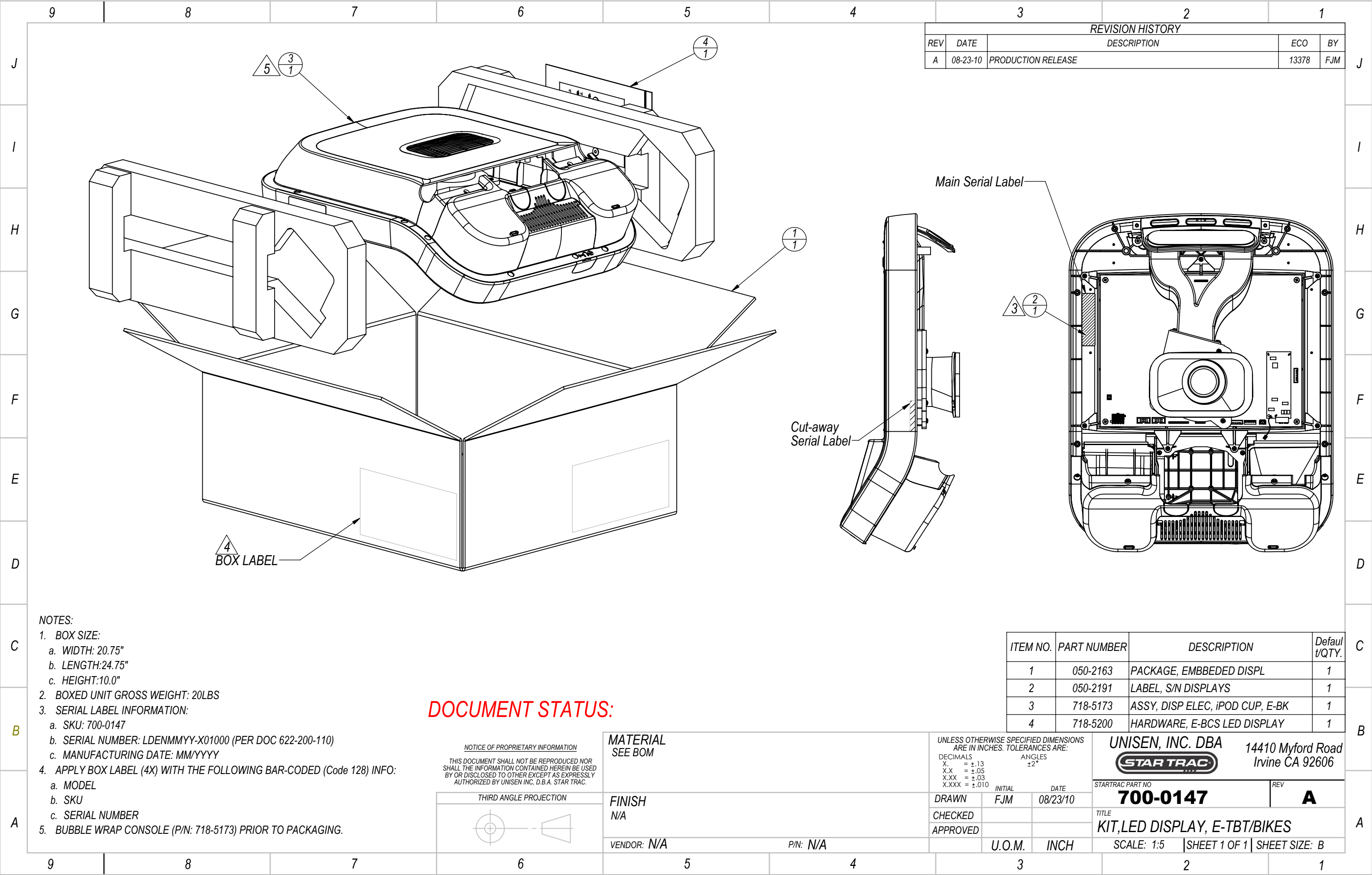


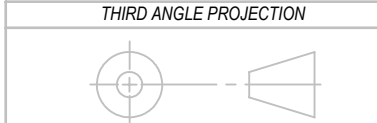


REVISION HISTORY				
REV	DATE	DESCRIPTION		ECO
A	08-23-10	PRODUCTION RELEASE		13378

- NOTES:
- BOX SIZE:
 - WIDTH: 20.75"
 - LENGTH: 24.75"
 - HEIGHT: 10.0"
 - BOXED UNIT GROSS WEIGHT: 20LBS
 - SERIAL LABEL INFORMATION:
 - SKU: 700-0147
 - SERIAL NUMBER: LDENMMYY-X01000 (PER DOC 622-200-110)
 - MANUFACTURING DATE: MM/YYYY
 - APPLY BOX LABEL (4X) WITH THE FOLLOWING BAR-CODED (Code 128) INFO:
 - MODEL
 - SKU
 - SERIAL NUMBER
 - BUBBLE WRAP CONSOLE (P/N: 718-5173) PRIOR TO PACKAGING.

DOCUMENT STATUS:

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MATERIAL
SEE BOM

FINISH
N/A

VENDOR: N/A

P/N: N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS
ARE IN INCHES. TOLERANCES ARE:
DECIMALS ANGLES
X. = ±.13
X.X = ±.05
X.XX = ±.03
X.XXX = ±.010

DRAWN FJM 08/23/10
CHECKED
APPROVED

U.O.M. INCH

UNISEN, INC. DBA
STAR TRAC
14410 Myford Road
Irvine CA 92606

STARTRAC PART NO
700-0147
REV
A

TITLE
KIT, LED DISPLAY, E-TBT/BIKES

SCALE: 1:5 | SHEET 1 OF 1 | SHEET SIZE: B

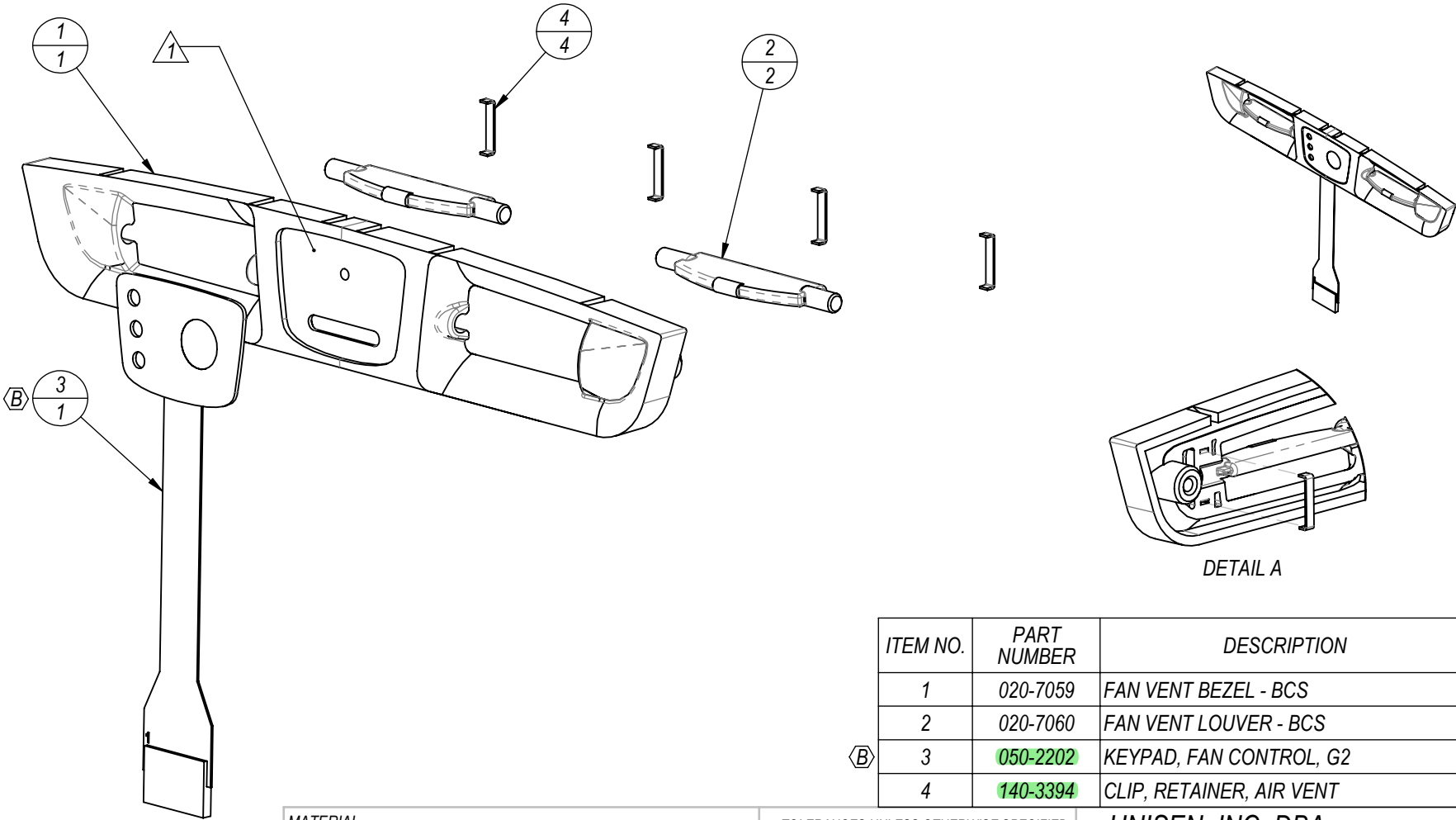
ITEM NO.	PART NUMBER	DESCRIPTION	Default t/QTY.
1	050-2163	PACKAGE, EMBEDDED DISPL	1
2	050-2191	LABEL, S/N DISPLAYS	1
3	718-5173	ASSY, DISP ELEC, IPOD CUP, E-BK	1
4	718-5200	HARDWARE, E-BCS LED DISPLAY	1

NOTES:

1. CLEAN SURAFCE WITH ISOPROPYL ALCOHOL & LET DRY BEFORE APPLICATION OF KEYPAD.

REVISIONS

REV.	DATE	DESCRIPTION	ECO	BY
A	03-16-07	RELEASE FOR PRODUCTION	11562	RLH
B	01-04-11	REPLACE P/N: 050-2026 WITH P/N: 050-2202	13469	SJK



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	020-7059	FAN VENT BEZEL - BCS	1
2	020-7060	FAN VENT LOUVER - BCS	2
(B) 3	050-2202	KEYPAD, FAN CONTROL, G2	1
4	140-3394	CLIP, RETAINER, AIR VENT	4

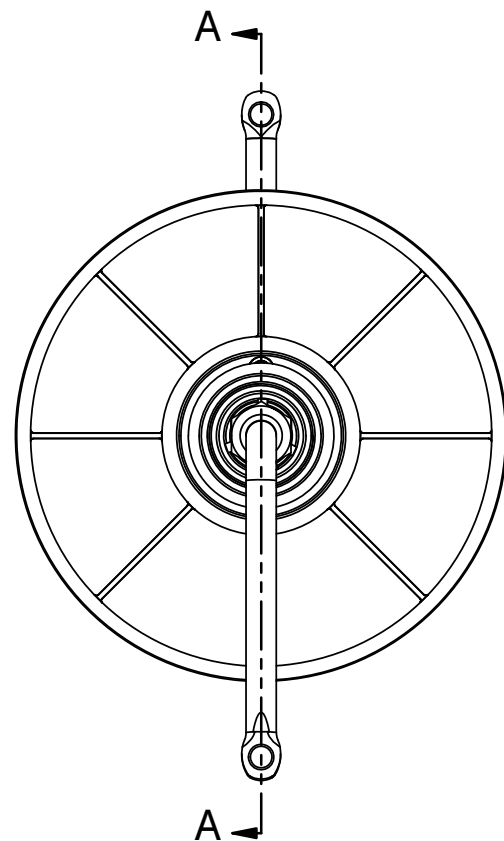
DOCUMENT STATUS:

MATERIAL SEE BOM		TOLERANCES UNLESS OTHERWISE SPECIFIED X.XXX = ± .010" (0.25MM) ANGLES = ± 2° X.XX = ± .030" (0.76MM) FRACTIONS = ± 1/32 X.X = ± .050" (1.27MM) X. = ± .125" (3.20MM)		UNISEN, INC. DBA STAR TRAC 14410 Myford Road Irvine CA 92606	
FINISH NONE		INITIAL	DATE	STARTRAC PART NO 715-3651	REV B
VENDOR: N/A		DRAWN	SJK	TITLE ASSY, AIR VENT, BCS	
P/N: N/A		CHECKED		SCALE: 1:1.5 SHEET 1 OF 1 SHEET SIZE: A	
		APPROVED			
			U.O.M.		

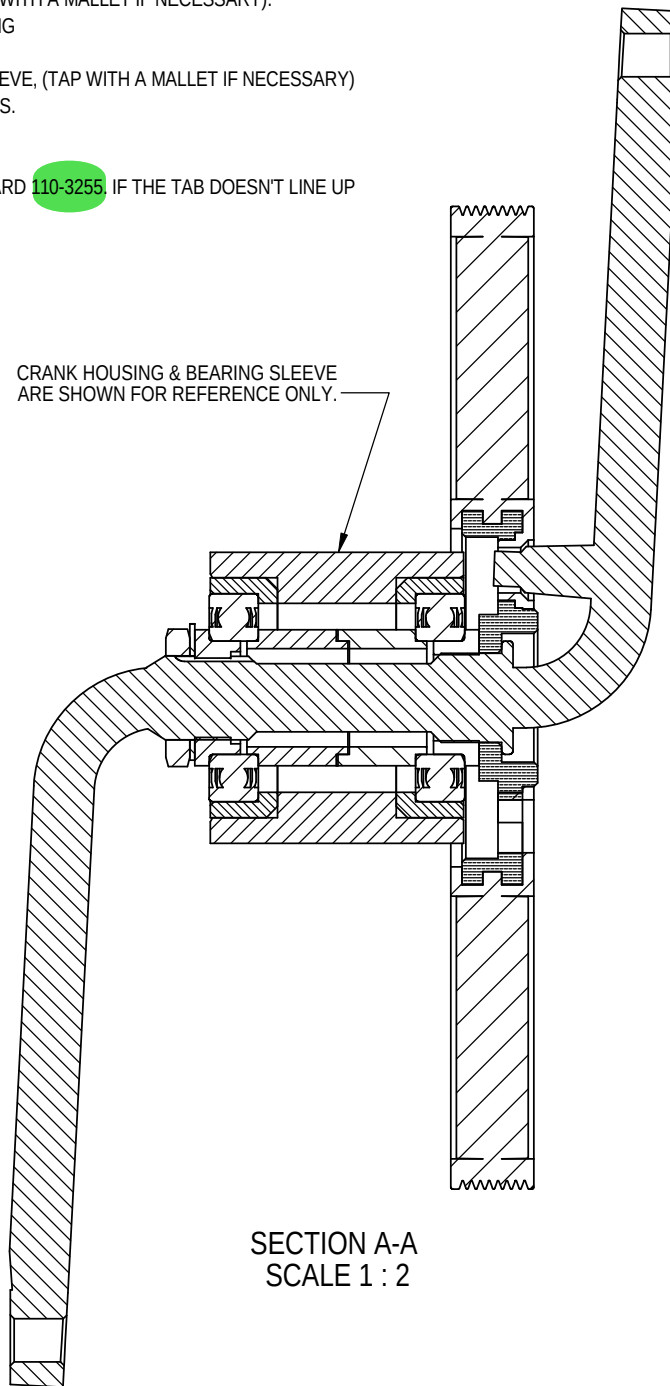
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- ## REVISION HISTORY

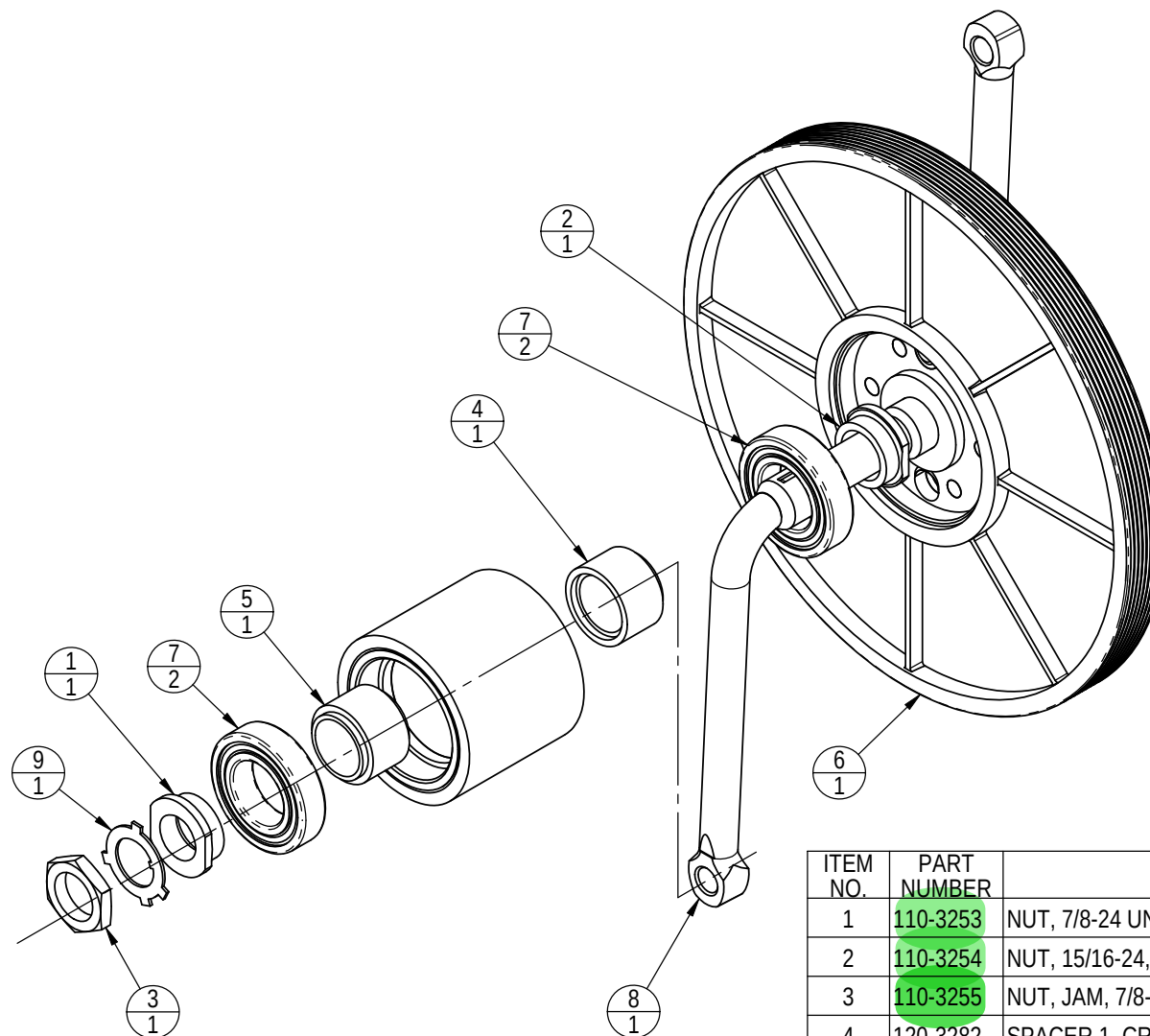
ITEM NO.	PART NUMBER	DESCRIPTION	ASSY/QTY.
1	110-3253	NUT, 7/8-24 UNS, LEFT HAND THREAD	1
2	110-3254	NUT, 15/16-24, UNS, RIGHT HAND THREAD	1
3	110-3255	NUT, JAM, 7/8-24, UNS, LEFT HAND, THREAD	1
4	120-3282	SPACER 1, CRANK, UB/RB PRO	1
5	120-3283	SPACER 2, CRANK, UB/RB PRO	1
6	130-1701	PULLEY, 8J, 260MM	1
7	130-1707	BEARING, 30x55x13MM, 6006 2RS1	2
8	140-3249	CRANK, 6-1/2 X 24 THREAD	1
9	720-0042	WASHER, RETAINING, CRANK, UB/RB PRO	1



CRANK HOUSING & BEARING SLEEVE
ARE SHOWN FOR REFERENCE ONLY.



SECTION A-A
SCALE 1 : 2



DOCUMENT STATUS:
RELEASE

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AUTHORIZED BY UNISEN INC. D.B.A. STAR TRAC.

CLASS OF WORK		UNLESS OTHERWISE SPECIFIED DIMS ARE IN mm. TOLERANCES FOR MEASURE OF LENGTH ARE:							ANGLES = $\pm 2^\circ$
		0.5 to 3	> 3 to 6	> 6 to 30	> 30 to 120	> 120 to 400	> 400 to 1000	> 1000 to 2000	> 2000
FINE		± 0.05	± 0.05	± 0.1	± 0.15	± 0.2	± 0.3	± 0.5	----
MEDIUM	X	± 0.1	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2
COARSE		± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2	± 3	± 4
VERY COARSE		----	± 0.5	± 1	± 1.5	± 2.5	± 4	± 6	± 8

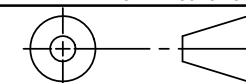
[illegible]

FINISH

VENDOR:

P/N:

THIRD ANGLE PROJECTION



	DRAWN
	CHECKED
	APPROVED

INITIAL
FJM

DATE
01-15-03

UNISEN, INC. DBA

14410 Myford Road
Irvine CA 92606



STARTRAC PART NO

INTRAC PART NO
718-1103

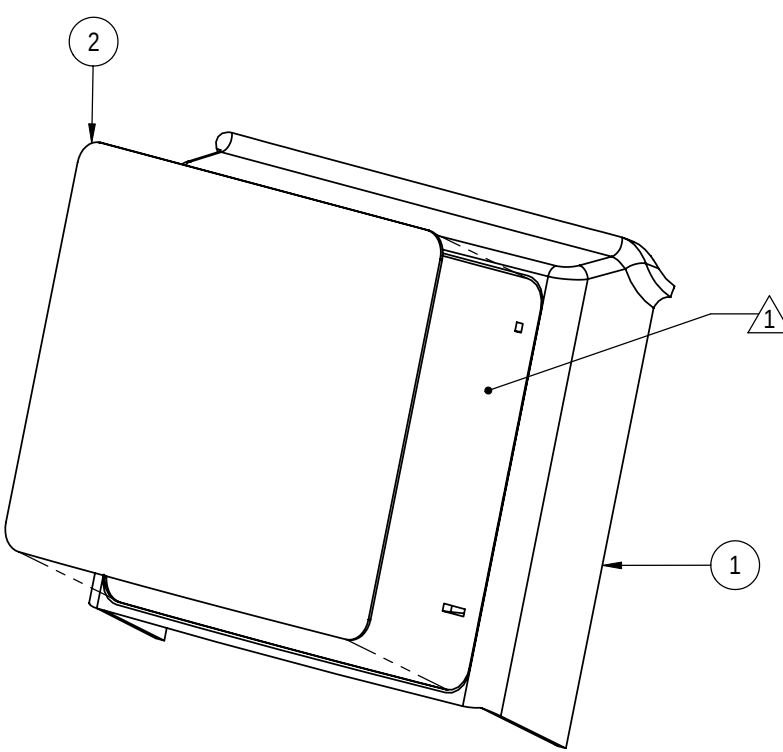
REV	C
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TITLE
ASSY, CRANK W/PULLEY

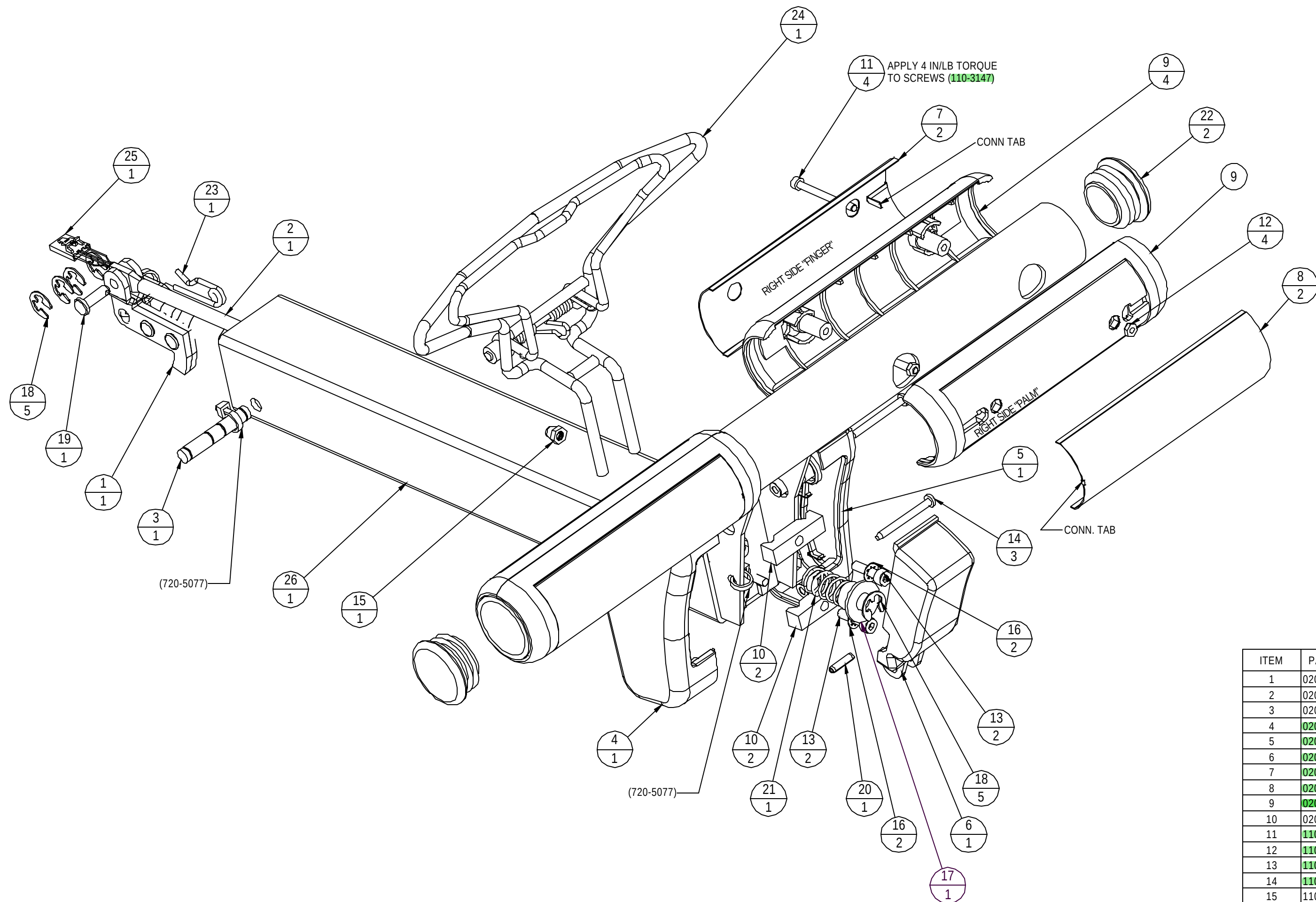
SCALE: 1:1

SHEET 1 OF 1

SHEET SIZE: B

	10	9	8	7	6	5	4	3	2	1																																
H	NOTES: 1. CLEAN ENTIRE NON-TEXTURED SURFACE WITH ISOPROPYL ALCOHOL & LET DRY BEFORE APPLICATION OF KEYPAD.					REVISIONS					H																															
						REV.	DATE	DESCRIPTION	ECO	BY																																
						A	03/16/2007	RELEASE FOR PRODUCTION	11562	RLH																																
G											G																															
F											F																															
E											E																															
D											D																															
C											C																															
B	DOCUMENT STATUS: RELEASE					<table border="1"><tr><th>ITEM NO.</th><th>PART NUMBER</th><th>DESCRIPTION</th><th>QTY.</th></tr><tr><td>1</td><td>020-7057</td><td>HOUSING,CENTER CONSOLE,BCS,BASIC</td><td>1</td></tr><tr><td>2</td><td>050-2028</td><td>KEYPAD, CC, BCS, BASIC</td><td>1</td></tr></table>					ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	1	020-7057	HOUSING,CENTER CONSOLE,BCS,BASIC	1	2	050-2028	KEYPAD, CC, BCS, BASIC	1	B																			
ITEM NO.						PART NUMBER	DESCRIPTION	QTY.																																		
1	020-7057	HOUSING,CENTER CONSOLE,BCS,BASIC	1																																							
2	050-2028	KEYPAD, CC, BCS, BASIC	1																																							
A	<table border="1"><tr><td colspan="2">MATERIAL SEE BOM</td><td colspan="2">TOLERANCES UNLESS OTHERWISE SPECIFIED X.XXX = ± .010" (0.25MM) ANGLES = ± 2° X.XX = ± .030" (0.76MM) FRACTIONS = ± 1/32 X.X = ± .050" (1.27MM) X. = ± .125" (3.20MM)</td><td colspan="2">UNISEN, INC. DBA  14410 Myford Road Irvine CA 92606</td></tr><tr><td colspan="2">FINISH N/A</td><td>INITIAL</td><td>DATE</td><td>STARTRAC PART NO</td><td>REV</td></tr><tr><td colspan="2">VENDOR: N/A P/N: N/A</td><td>DRAWN</td><td>JRT</td><td>12/05/06</td><td>718-5096 A</td></tr><tr><td colspan="2"></td><td>CHECKED</td><td></td><td></td><td>TITLE</td></tr><tr><td colspan="2"></td><td>APPROVED</td><td></td><td></td><td>ASSY, CC, BCS, BASIC</td></tr><tr><td colspan="2"></td><td></td><td>U.O.M.</td><td>INCH</td><td>SCALE: 1:2 SHEET 1 OF 1 SHEET SIZE: A</td></tr></table>					MATERIAL SEE BOM		TOLERANCES UNLESS OTHERWISE SPECIFIED X.XXX = ± .010" (0.25MM) ANGLES = ± 2° X.XX = ± .030" (0.76MM) FRACTIONS = ± 1/32 X.X = ± .050" (1.27MM) X. = ± .125" (3.20MM)		UNISEN, INC. DBA  14410 Myford Road Irvine CA 92606		FINISH N/A		INITIAL	DATE	STARTRAC PART NO	REV	VENDOR: N/A P/N: N/A		DRAWN	JRT	12/05/06	718-5096 A			CHECKED			TITLE			APPROVED			ASSY, CC, BCS, BASIC				U.O.M.	INCH	SCALE: 1:2 SHEET 1 OF 1 SHEET SIZE: A	A
MATERIAL SEE BOM		TOLERANCES UNLESS OTHERWISE SPECIFIED X.XXX = ± .010" (0.25MM) ANGLES = ± 2° X.XX = ± .030" (0.76MM) FRACTIONS = ± 1/32 X.X = ± .050" (1.27MM) X. = ± .125" (3.20MM)		UNISEN, INC. DBA  14410 Myford Road Irvine CA 92606																																						
FINISH N/A		INITIAL	DATE	STARTRAC PART NO	REV																																					
VENDOR: N/A P/N: N/A		DRAWN	JRT	12/05/06	718-5096 A																																					
		CHECKED			TITLE																																					
		APPROVED			ASSY, CC, BCS, BASIC																																					
			U.O.M.	INCH	SCALE: 1:2 SHEET 1 OF 1 SHEET SIZE: A																																					
	10	9	8	7	6	5	4	3	2	1																																

REVISIONS				
REV.	DATE	DESCRIPTION	ECO	BY
X01	1/26/2007	RELEASE FOR PROTOTYPE	----	RLH
A	07-18-07	PRODUCTION RELEASE	11669	DN



ITEM	PART NUMBER	DESCRIPTION	QTY
1	020-6520	LOCK, HANDLE, HR, RB PRO	1
2	020-6521	BAR, LINK, HANDLE, HR, RB PRO	1
3	020-6525	SHAFT, BAR HANDLE	1
4	020-6543-01	GRIP, HANDLE, HR, RB PRO, L	1
5	020-6543-02	GRIP, HANDLE, HR, RB PRO, R	1
6	020-6544	GRIP, HANDLE, BUTTON, RB PRO	1
7	020-6549	PLATE, HR, BOTTOM	2
8	020-6555	PLATE, HR, UNIVERSAL, TOP	2
9	020-6556	GRIP, HR, UNIVERSAL, BLK	4
10	020-6560	CLAMP, BOTTOM, READING CLIP	2
11	110-3147	SCREW, M3x35, SHC, ISO4762	4
12	110-3148	NUT, M3, HEXAGON, ISO4762	4
13	110-3232	SCREW, M4x16, SHC, HE, ISO4762	2
14	110-3250	SCREW, M3x0.5x32L,PHT,PH,CS,BO	3
15	110-3258	NUT, ACORN, M4	1
16	120-3259	WASHER, M4, TEETH, 0.45THK	2
17	120-3265	WASHER, SHOULDER, 5/16IDX.35L	1
18	140-3256	E-CLIP, EXT, TRUEARC 5133-25 - S0.25	5
19	140-3257	PIN, CLEVIS, 0.19, IA	1
20	140-3258	PIN, SPRING, SLOTTED, AI	1
21	140-3259	SPRING, SW3DPUB-COMP	1
22	140-3264	CAP, PLUG, 31.75MM OD X 14-20 GA	2
23	140-3271	PIN CLAMP d2.0MMx32MM	1
24	720-5052	ASSY, RACK, MAGAZINE	1
25	720-5054	ASSY, CONTACT HR, GRIP CABLE, RB PRO	1
26	720-5078	ASSY,WELD,HB,HR,RB,8020	1

NOTES:

1. GRIP ASSEMBLY ORDER:
PALM SIDE:
 - a) INSTALL, NUT P/N: **110-3148**.
 - b) CLEAN GRIP HOUSING WITH ALCOHOL.
 - c) PEEL PLATE TAPE LINER.
 - d) REMOVE PLATE SCRATCH GUARD & PRESS PLATE TO GRIP HOUSING.
 - e) CONNECTOR TAB MUST GO TOWARDS THE INSIDE END.

FINGER SIDE:

- CLEAN GRIP HOUSING WITH ALCOHOL.
- PEEL PLATE TAPE LINER.
- REMOVE PLATE SCRATCH GUARD & PRESS PLATE TO GRIP HOUSING.
- CONNECTOR TAB MUST GO TOWARDS THE OUTSIDE END.

DOCUMENT STATUS:
RELEASE

NOTICE OF PROPRIETARY INFORMATION

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MATERIAL
SEE BOM

FINISH
SEE NOTES

VENDOR:

P/N:

TOLERANCES UNLESS OTHERWISE SPECIFIED

X.XXX = ± .010" (0.25MM)	ANGLES = ± 2°
X.XX = ± .030" (0.76MM)	FRACTIONS = ± 1/32
X.X = ± .050" (1.27MM)	
X. = ± .125" (3.20MM)	

	INITIAL	DATE
DRAWN	RLH	01/24/0
CHECKED		
APPROVED		

UNISEN, INC. DBA	14410 Myford Road
	Irvine CA 92606

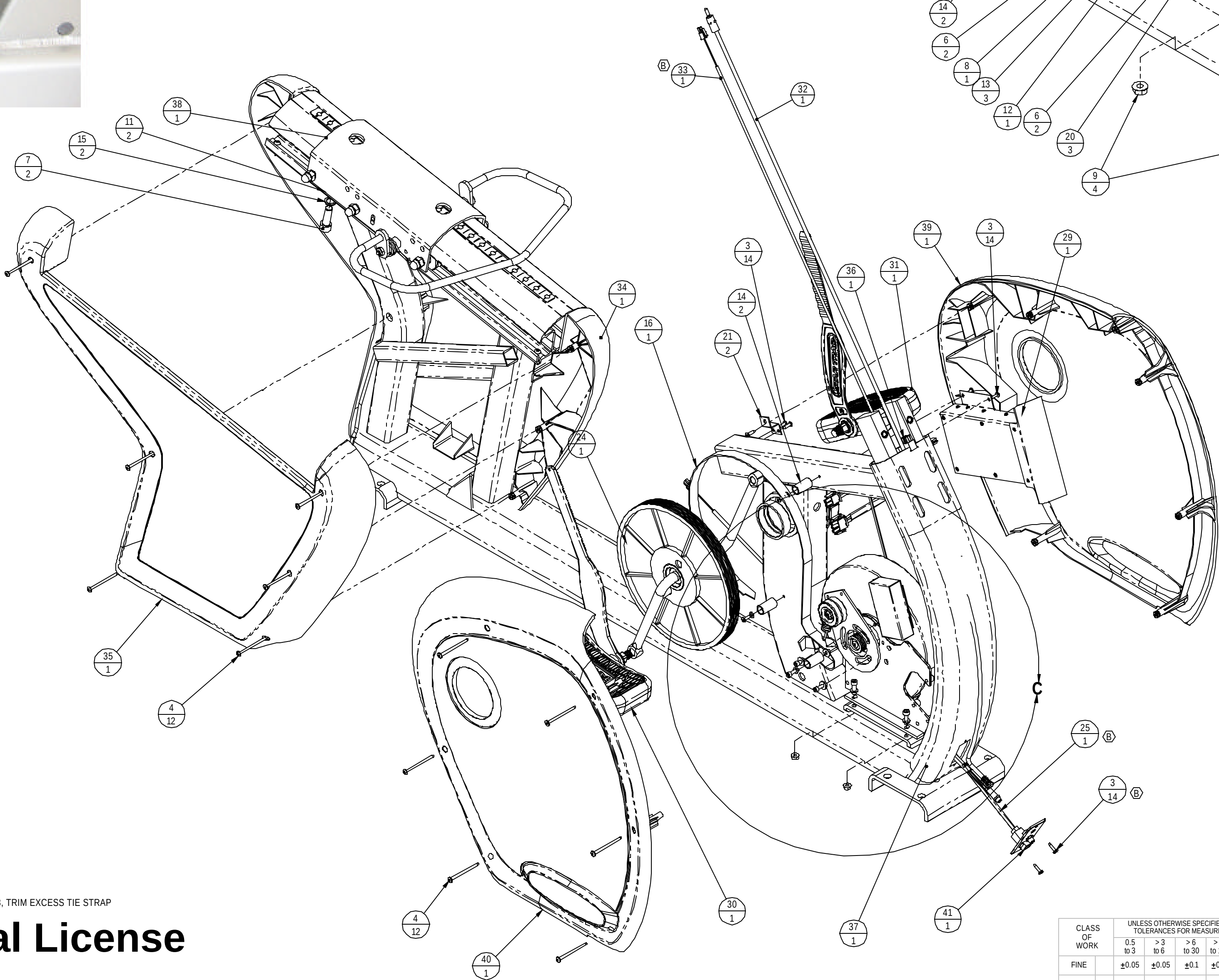
PART NO	720-5077	REV	A
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TITLE
ASSY,HB PULL-OUT,RB,8020

SCALE: 1:1.5	SHEET 1 OF 1	SHEET SIZE: C
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① DIAGRAM 1



DETAIL C
SCALE 2 : 5

NOTES: ①
1. DIAGRAM 1 SHOWS THE LOCATION OF THE TIE STRAP INSTALLATION OF P/N: 140-0200 & 140-3218, TRIM EXCESS TIE STRAP

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REVISIONS				
REV.	DATE	DESCRIPTION	ECO	BY
A	08-08-07	PRODUCTION RELEASE	11687	DN
B	07-01-09	SHT 1: REPLACE 718-5125, WITH 718-5121; REMOVE P/N: 020-6552 (1) & 140-3252 (2); ADD P/N: 020-7336 (2), 140-0200 (2), 140-3250 (1), & 718-1123 (1); ADD DIAGRAM 1 & NOTES; CHG P/N: 110-3164 QTY WAS: 18; IS: 14; SHT 2: UPDATE SCHEMATICS	12172	SCN

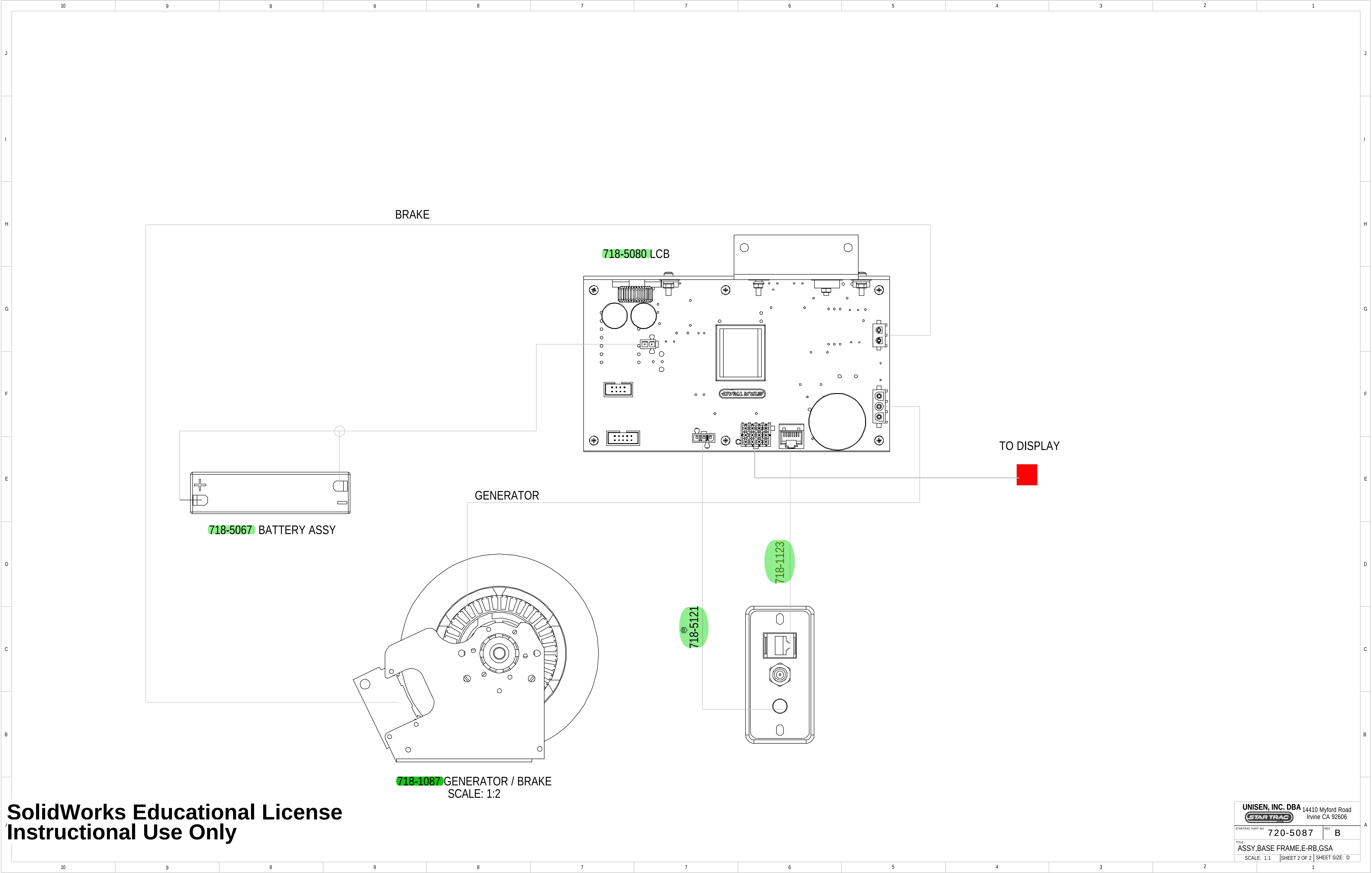
ITEM	PART NUMBER	DESCRIPTION	QTY
1	020-6502	CUP, SHROUD COVER	1
2	020-7336	SLEEVE, BOTTOM BRT, E-UB/RB	2
3	110-3164	SCREW, M4x0.7x16L,PHT,PH,CS,ZI	14
4	110-3167	SCREW, M4x0.7x64L,PHT,PH,CS,ZI	12
5	110-3171	SCREW, ISO4762, M6x20	4
6	110-3177	SCREW, ISO4762, M5x16	2
7	110-3179	SCREW, ISO4762, M12x35	2
8	110-3230	SCREW, M5x18, SHC, HE, ISO4762	1
9	110-3236	NUT, M6xP1.0, UNLOCK	4
10	120-3246	WASHER, ISO 7089 - M6	4
11	120-3247	WASHER, ISO7089, M12	2
12	120-3251	SPACER, SHROUD, PRO BIKE	1
13	120-3252	WASHER, M5, ISO 7089	3
14	120-3254	SPACER, SHROUD, RB, PRO BIKE	2
15	120-3255	WASHER, M12, LOCK, ISO	2
16	130-1699	BELT, RB PRO	1
17	140-0200	TIE STRAP, 5"	2
18	140-3128	TIE STRAP, 8"	1
19	140-3243	SPRING, EXT	1
20	140-3248	SPACER, BRACKET, IDLER	3
21	140-3250	BRACKET, ANGLE, 4M	2
22	110-1099	GENERATOR, HYBRID BRAKE, UB/RB PRO	1
23	718-1095	ASSY, IDLER ADJ, UB/RB PRO	1
24	718-1103	ASSY, CRANK W/PULLEY	1
25	718-1123	ASSY, HARNESS, CSAFE EXTENSION	1
26	718-5060	ASSY, HARNESS, BRAKE, LOWER, UB/RB PRO	1
27	718-5061	ASSY, HARNESS, BRAKE, UPPER, UB/RB PRO	1
28	718-5067	ASSY, BATTERY	1
29	718-5080	ASSY, LCB W/HEATSINK, 6300, GSA	1
30	718-5085-01	ASSY., PEDAL W/STRAP, L, UB6300/RB6400 PRO	1
31	718-5085-02	ASSY., PEDAL, W/STRAP, R, UB6300/RB6400 PRO	1
32	718-5120	CABLE,ANTENNA,M-M,UB/RB	1
33	718-5121	CABLE,POWER,VLAD,8000/8020	1
34	720-0084-01	SHROUD, KIT, REAR, LEFT, RB PRO	1
35	720-0084-02	SHROUD, KIT, REAR, RIGHT, RB PRO	1
36	720-5062	ASSY, HARNESS, COMMUNICATION, RB PRO	1
37	720-5070	FRAME,WELDMENT,RB,8020	1
38	720-5074	ASSY,SEAT TRACK,RB,8020	1
39	720-5075-01	SHROUD,KIT,FRONT,LT,RB,8020	1
40	720-5075-02	SHROUD,KIT,FRONT,RT,RB,8020	1
41	721-1134	ASSY,CONNECTOR,VLAD	1

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CLASS OF WORK	UNLESS OTHERWISE SPECIFIED DIMS ARE IN MM. TOLERANCES FOR MEASURE OF LENGTH ARE:					ANGLES = ±2°		MATERIAL SEE BOM	
	0.5 to 3	>3 to 6	>6 to 30	>30 to 120	>120 to 400	>400 to 1000	>1000 to 2000	>2000	
FINE	±0.05	±0.05	±0.1	±0.15	±0.2	±0.3	±0.5		
MEDIUM	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	
COARSE	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	±4	
VERY COARSE		±0.5	±1	±1.5	±2.5	±4	±6	±8	
FINISH SEE NOTES									
VENDOR:									

DOCUMENT STATUS:
RELEASE

THIRD ANGLE PROJECTION				
DRAWN	INITIAL	DATE	START/END PART NO	REV
CHECKED	DN	07/24/07	720-5087	B
APPROVED			ASSY,BASE FRAME,E-RB,GSA	
U.O.M.		MM	SCALE: 1:5	SHEET 1 OF 2 SHEET SIZE: D

UNISEN, INC. DBA
STAR TRAC
14410 Myford Road
Irvine CA 92606



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UNISEN, INC. DBA STAR TRAC		14410 Myford Road Irvine CA 92606
START/END PART NO	720-5087	REV B
TITLE ASSY, BASE FRAME, E-RB, GSA		
SCALE: 1:1	SHEET 2 OF 2	SHEET SIZE: D

