

1. BOX SIZE
 - a. L = 122cm
 - b. H = 87cm
 - c. W = 59.5cm
2. BOX UNIT GROSS WEIGHT: 157 lbs / 71.2 kg
3. E-UB NET WEIGHT: 140 lbs / 63.5 kg
4. LABEL INFORMATION (4 PLACES)
 - a. MODEL: E-UB
 - b. SKU: 9-3140-MUNBP0
 - c. SERIAL NUMBER: PER DOC 622-200-110
 - d. COUNTRY OF ORIGIN: MADE IN CHINA
5. PRIMARY SERIAL LABEL INFORMATION
 - a. SKU: 9-3140-MUNBP0
 - b. SERIAL NUMBER: PER DOC 622-200-110
 - c. MFG DATE: MM/YYYY
 - d. PHASE: N/A
 - e. CYCLES: N/A
 - f. WATTS: 66 W
 - g. VOLTS/AMPS: 12 VDC / 5.5 A
 - h. TYPE: N/A
 - i. CERTIFICATIONS: CSA / CE / FCC

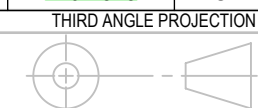
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	NOTES
1	050-2059	LABEL, ID, BIKES,GENERIC	1	
2	050-2115	LABEL, COUNTRY OF ORIGIN	1	
3	050-2236	PACKAGING, BOX, UB, GEN 2	1	
4	410-3164	SCREW, M4x0.7x16L,PHT,PH,CS,ZI	2	REF
5	620-7135	DOC.,WARRANTY,COMMERCIAL	1	
6	620-8140	MANUAL, OPERATIONS, S-UB/RB, GEN 2	1	
7	718-5341	ASSY, BASE FRAME, S-UB, GEN 2	1	
8	718-5348	ASSY, DISPLAY, S-UB, GEN 2	1	
9	718-5350	KIT, HARDWARE, S-UB, GEN 2	1	
10	740-2034	ASSY, SEAT POST, SPORT, UB	1	
11	740-4588	SCREW, M8 X 1.25, 16MM, BHC, HK, SS	4	REF
12	740-4593	SET SCREW, M8 X 1.25, 40MM, CP, HK	4	REF
13	740-7825	WASHER, 8.4MM ID x 16MM OD x 1.6 THK	4	REF

MATERIAL
SEE BOM

FINISH

VENDOR: LAND AMERICA

P/N: S-UB-00



	DRAWN
	CHECKED
	APPROVED

INITIAL

SCN

CON

U.O.M

CORE INDUSTRIES, INC. DBA



14410 Myford Road
Irvine CA 92606

STARTRAC PART NO

9-3140-MINTP0

REV

A

	TITLE
--	-------

S-UBx 3140, S/P, M, INT

SCALE: 4-9

QUEST 1 OF 2

SHEET 1 OF 2

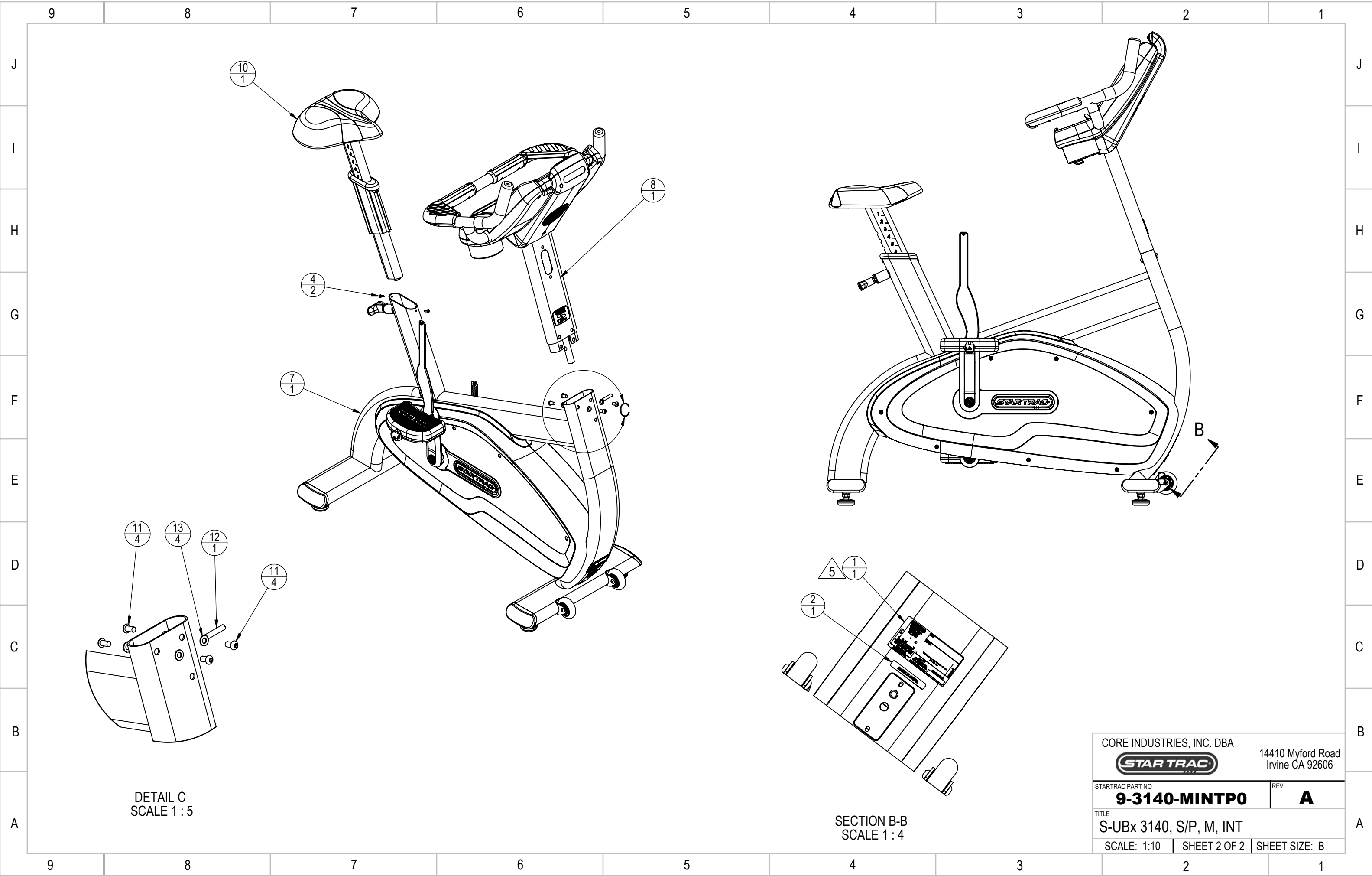
QUESTIONS: D

SHEET SIZE: B

DOCUMENT STATUS:

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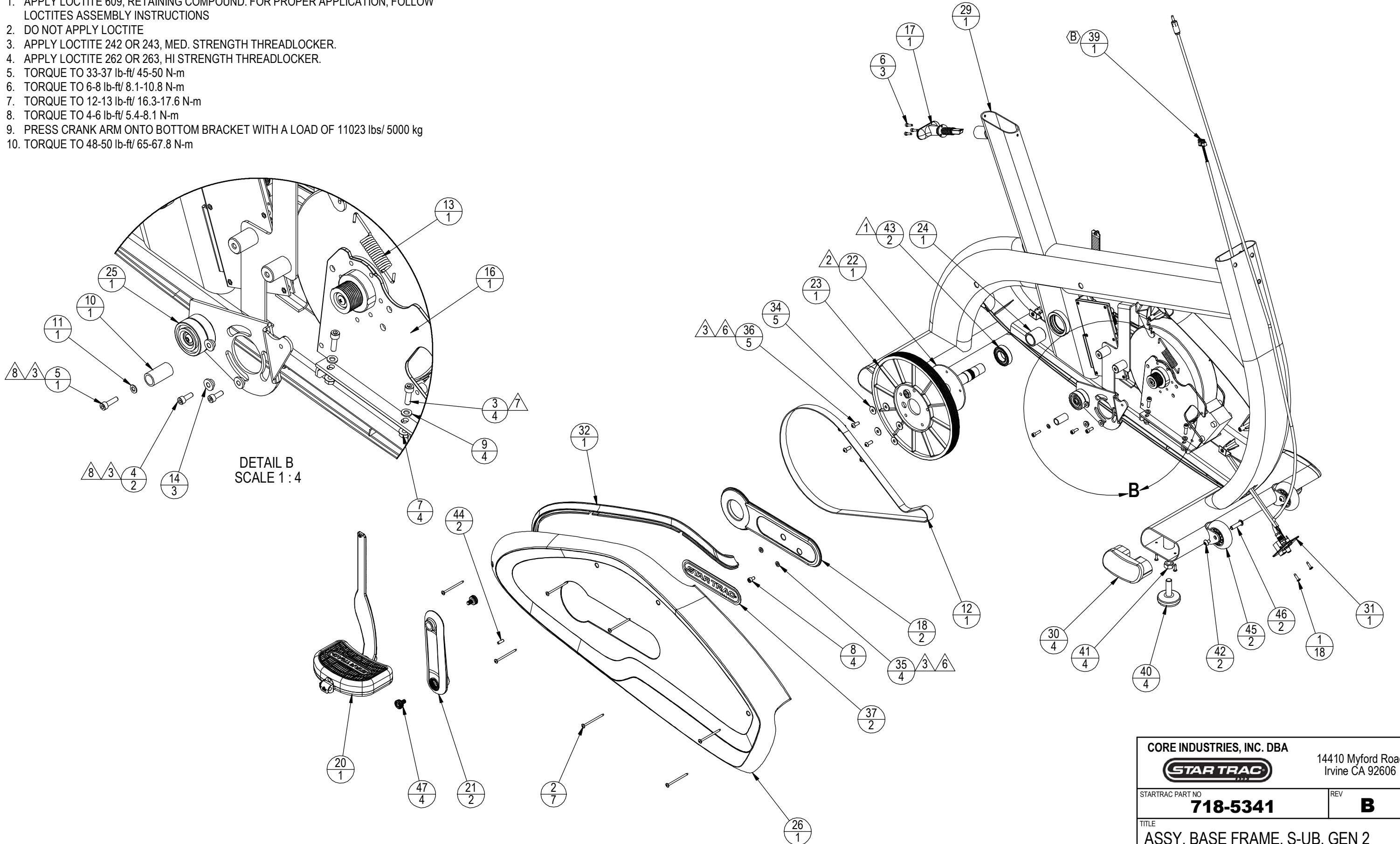
DETAIL C
SCALE 1 : 5

SECTION B-B
SCALE 1 : 4

CORE INDUSTRIES, INC. DBA		14410 Myford Road Irvine CA 92606
STAR TRAC		
STARTRAC PART NO	9-3140-MINTPO	REV A
TITLE S-UBx 3140, S/P, M, INT		
SCALE: 1:10	SHEET 2 OF 2	SHEET SIZE: B

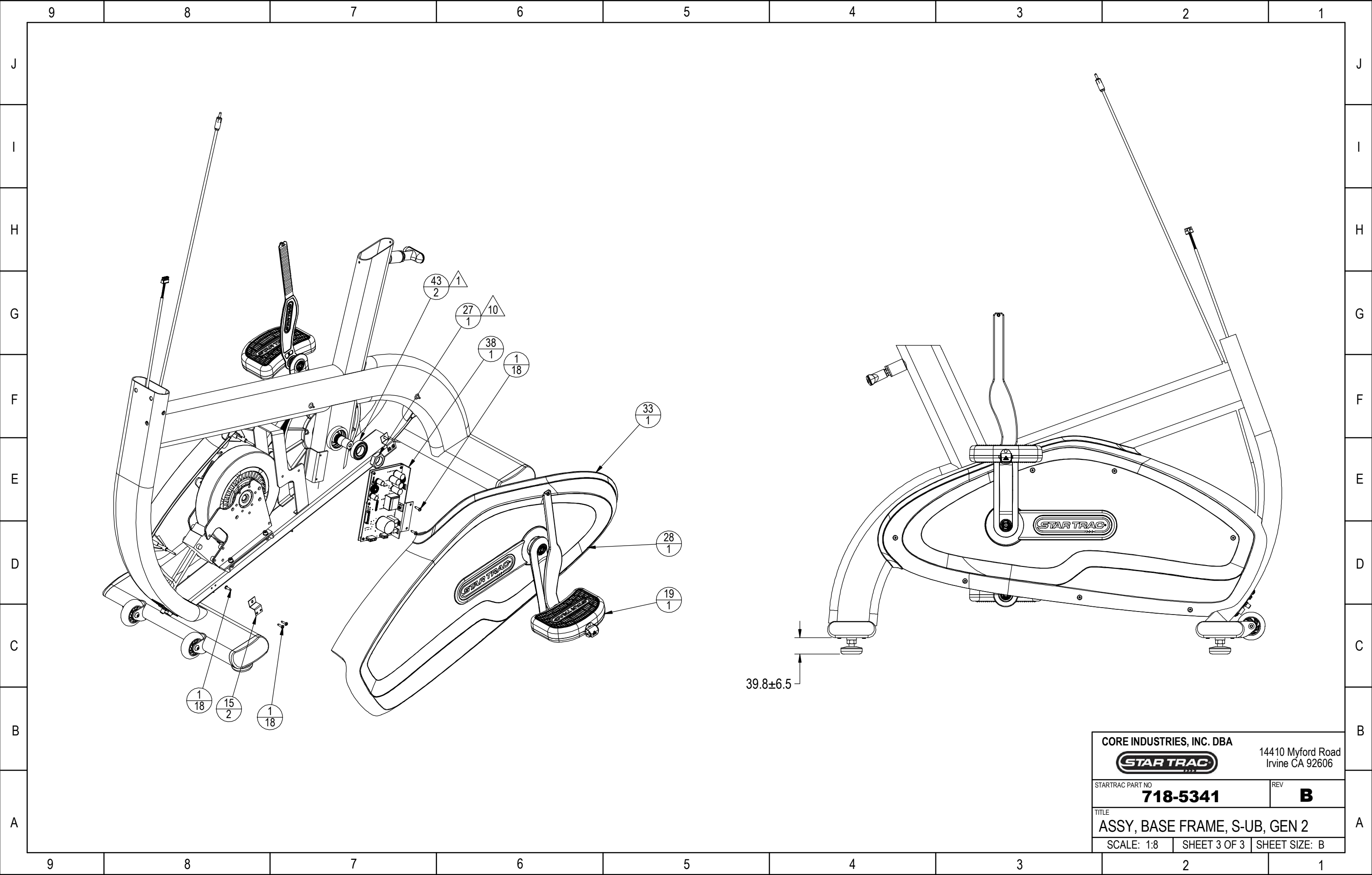
9 8 7 6 5 4 3 2 1

- NOTES:
1. APPLY LOCTITE 609, RETAINING COMPOUND. FOR PROPER APPLICATION, FOLLOW LOCTITES ASSEMBLY INSTRUCTIONS
 2. DO NOT APPLY LOCTITE
 3. APPLY LOCTITE 242 OR 243, MED. STRENGTH THREADLOCKER.
 4. APPLY LOCTITE 262 OR 263, HI STRENGTH THREADLOCKER.
 5. TORQUE TO 33-37 lb-ft/ 45-50 N-m
 6. TORQUE TO 6-8 lb-ft/ 8.1-10.8 N-m
 7. TORQUE TO 12-13 lb-ft/ 16.3-17.6 N-m
 8. TORQUE TO 4-6 lb-ft/ 5.4-8.1 N-m
 9. PRESS CRANK ARM ONTO BOTTOM BRACKET WITH A LOAD OF 11023 lbs/ 5000 kg
 10. TORQUE TO 48-50 lb-ft/ 65-67.8 N-m



CORE INDUSTRIES, INC. DBA		
STAR TRAC		
14410 Myford Road Irvine CA 92606		
STARTRAC PART NO		REV
718-5341		B
TITLE		
ASSY, BASE FRAME, S-UB, GEN 2		
SCALE: 1:8	SHEET 2 OF 3	SHEET SIZE: B

9 8 7 6 5 4 3 2 1



CORE INDUSTRIES, INC. DBA			14410 Myford Road
			Irvine CA 92606
STARTRAC PART NO		REV	
718-5341		B	
TITLE			
ASSY, BASE FRAME, S-UB, GEN 2			
SCALE: 1:8	SHEET 3 OF 3	SHEET SIZE: B	

987654321

NOTES

1. PERFORM A CONTINUITY TEST AFTER INSTALLING THE CONTACT HR CABLE

2. APPLY 4 in-lb / 425 mN-m TORQUE TO SCREW 110-3147

REVISION HISTORY

REV	DATE	DESCRIPTION	ECO	BY
A	12/7/2011	PRODUCTION RELEASE	13612	SCN
B	5/21/2013	REMOVED 740-0017, 740-4008, 740-4009	14148	KY
C	8/28/2013	REMOVED: 020-6420-01, 020-6420-02, 020-6549, 020-6555, 020-6556, 020-2088, 110-3147, 110-3148, 140-3251, 140-3264, 718-5347, 740-4004, 740-4550, ADDED: 740-8519.	14270	KY

Diagram with callouts 1-8

DETAIL B
SCALE 1 : 2.5

ITEM NO. PART NUMBER DESCRIPTION QTY.

1 110-3165 SCREW, M4x0.7x14L,PHT,PH,CS,ZI 22

2 110-3402 SCREW, #8-18, 3/4", HI-LOW, PHT, PH, CS, BO 8

3 120-3303 WASHER, 3/16"ID X 9/16"OD 2

4 140-3323 U-NUT, #8, PANEL .025-.125 2

5 740-4001 ASSY, CABLE, MAIN I/O, UPPER, TBT/X 1

6 740-4007 ASSY, CABLE, TV CTRL POWER, S-TBTX 1

7 740-4543 ASSY, DISPLAY ELECT, S-SERIES 1

8 740-8519 CONSOLE STEM, S-UB 1

DOCUMENT STATUS:

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CLASS OF WORK		UNLESS OTHERWISE SPECIFIED DIMS ARE IN mm. TOLERANCES FOR MEASURE OF LENGTH ARE:							ANGLES = ±2°
		0.5 to 3	> 3 to 6	> 6 to 30	> 30 to 120	> 120 to 400	> 400 to 1000	> 1000 to 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

MATERIAL
SEE BOM

FINISH
NONE

VENDOR: LAND AMERICA P/N: S-UB-02E

THIRD ANGLE PROJECTION

INITIAL

DATE

DRAWN

CHECKED

APPROVED

SCN

10/10/2011

CORE INDUSTRIES, INC. DBA

STAR TRAC

14410 Myford Road
Irvine CA 92606

STARTRAC PART NO

718-5348

REV

C

TITLE

ASSY, DISPLAY, S-UB, GEN 2

SCALE: 1:7

SHEET 1 OF 1

SHEET SIZE: B

987654321

9

8

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G

F

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D

C

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A

9

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3

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1

J

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H

G

F

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REVISION HISTORY

REV	DATE	DESCRIPTION	ECO	BY
A	12/8/2011	PRODUCTION RELEASE	13612	SCN

Exploded view diagram of a hardware kit. Callouts 1 through 6 point to various components: 1. Screw, 2. Wrench, 3. Wrench, 4. Screw, 5. Set screw, 6. Washer. The diagram shows the assembly of these components onto a base plate.

NOTES:

1. ALL ITEMS IN P/N: 718-5350 ARE TO BE PLACE IN A PLASTIC BAG OR SHRINK WRAP TO ORGANIZE

DOCUMENT STATUS:

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CLASS OF WORK	UNLESS OTHERWISE SPECIFIED DIMS ARE IN mm. TOLERANCES FOR MEASURE OF LENGTH ARE:								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	-----	FINISH N/A
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	

VENDOR: LAND AMERICA

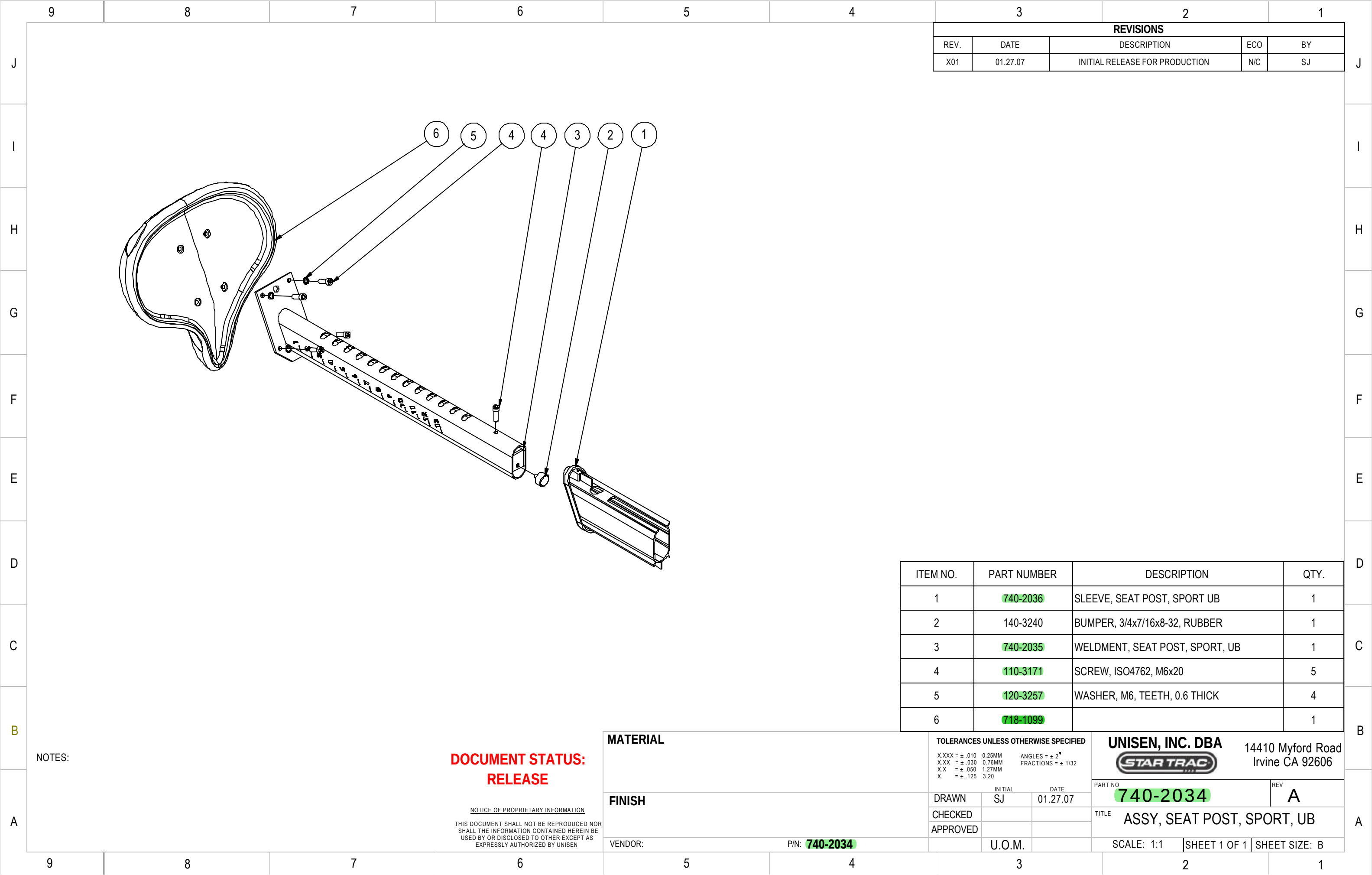
P/N:

THIRD ANGLE PROJECTION

DRAWN	INITIAL SCN	DATE 10/10/2011	STARTRAC PART NO 718-5350	REV A
CHECKED			TITLE KIT, HARDWARE, S-UB, GEN 2	
APPROVED			SCALE: 1:1 SHEET 1 OF 1 SHEET SIZE: B	

CORE INDUSTRIES, INC. DBA

14410 Myford Road
Irvine CA 92606



REVISIONS				
REV.	DATE	DESCRIPTION	ECO	BY
X01	01.27.07	INITIAL RELEASE FOR PRODUCTION	N/C	SJ

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	740-2036	SLEEVE, SEAT POST, SPORT UB	1
2	140-3240	BUMPER, 3/4x7/16x8-32, RUBBER	1
3	740-2035	WELDMENT, SEAT POST, SPORT, UB	1
4	110-3171	SCREW, ISO4762, M6x20	5
5	120-3257	WASHER, M6, TEETH, 0.6 THICK	4
6	718-1099		1

NOTES:

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RELEASE

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MATERIAL

FINISH

VENDOR:

P/N: 740-2034

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 3.20

INITIAL		DATE
DRAWN	SJ	01.27.07
CHECKED		
APPROVED		

UNISEN, INC. DBA



14410 Myford Road
Irvine CA 92606

PART NO	REV
740-2034	A

TITLE ASSY, SEAT POST, SPORT, UB

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