

9

8

7

6

5

4

3

2

1

NOTES:

1. INTERPRET DRAWING PER ASME Y14.5M-1994.

2. REMOVE ALL BURRS AND SHARP EDGES .015/.030.

3. IF APPLICABLE, CRITICAL DIMENSIONS LABELED.

4. TORQUE FASTENERS TO 10 FT-LBS.

5. TORQUE FASTENERS TO 15 FT-LBS.

6. PAINT PER STAR TRAC STRENGTH SPECIFICATIONS 7100-0016 AND 7100-0017. ALL SURFACES ARE "A" SURFACES EXCEPT THOSE INDICATED AS "B" OR "C" SURFACES.

7. PLUG/MASK PRIOR TO PAINTING.

8. FOR HARDWARE KIT, REFER TO PN: 3700-0197.

9. MOUNT USING 3M 80 ADHESIVE.

10. MOUNT USING 4900-0420 (DOUBLE SIDED TAPE).

22
1

4
2

6
1

20
4

21
16

19
4

24
4

9

4
4

16
1

15
1

5
1

2
1

7
1

26
2

2X "B" SURFACE
UNDERSIDE OF TUBE

2X "B" SURFACE
UNDERSIDE OF TUBE

4X "C" SURFACE
UNDERSIDE OF FOOT

DOCUMENT STATUS:
RELEASED

NOTICE OF PROPRIETARY INFORMATION

THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION CONTAINED HEREIN BE USED BY OR DISCLOSED TO OTHER EXCEPT AS EXPRESSLY AUTHORIZED BY UNISEN

MATERIAL
SEE BOM

FINISH
SEE NOTES

TOLERANCES UNLESS OTHERWISE SPECIFIED
X.XXX = ± .010
X.XX = ± .030
X.X = ± .050
X. = ± .125
ANGLES = ± 2°
FRACTIONS = ± 1/32

INITIAL
DRAWN
SH
CHECKED
APPROVED

DATE
9/29/06

U.O.M.
INCH

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

PART NO
FB-314

REV
C

TITLE
TOP ASSY, FB-314

SCALE: 1:32 | SHEET 1 OF 2 | SHEET SIZE: B

REVISIONS

REV.	DATE	DESCRIPTION	ECO	APPROVED
A	10/18/2006	PRODUCTION RELEASE	N/R	SH
B	11/5/2008	ADDED (4) 2120-3848 & (8) 4250-0001	100341	DMS
C	7/16/09	UPDATED MODEL, 2400-0050 WAS 2400-0028	100487	MLB

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	3220-0046	ASSY. WELDMENT, MAINFRAME, FB-314	1
2	3220-0047	ASSY, WELDMENT, LEVER ARM	1
3	3220-0051	ASSY. WELDMENT, UNIV. JOINT, FB-314	1
4	4900-0087	CAP, BLACK, 2 X 3	6
5	5220-0005	LABEL, SAFETY, SECURE TO FLOOR	1
6	5220-0009	LABEL, SAFETY, GENERAL WARNING	1
7	5230-0006	LOGO, FLEX FITNESS, BUBBLE, SMALL	1
8	4900-0062	2 BOLT FLANGE MOUNT BEARING	4
9	4600-0007	WASHER, SAE, 5/16, Z	2
10	4900-0145	CAP, BLACK, RH-20	10
11	4900-0148	WASHER, CAP, 5/16", RHW-204	2
12	4900-0149	WASHER, CAP, 3/8", RHW-205	8
13	4600-0013	WASHER, SAE, 3/8, Z	8
14	4161-0015	HCS-3/8-16 x 1.5,Z	8
15	4900-0135	WASHER, RUBBER, 4.25 DIA X 1 7/8 ID	1
16	4900-0136	CAP, WEIGHT, NO INDICATOR, BLK	1
17	2120-0975	WEAR GUARD, 1.4 X 4 UHMW	1
18	2120-3685	WEAR GUARD, 1 5/8 X 4 3/8 UHMW	1
19	2900-0007	TUBE, GRIP, 1" X 5", BLACK	4
20	4900-0005	CAP, HANDLE, 1",CHROME	4
21	4250-0001	SSS, 10-32 X 1/8, BLK	16
22	3500-0061	ASSY, UPHOLSTERY, 18.75 X 9.75, FB-314	1
23	4500-0018	NUT,3/8-16,NYLOC,NE,STL,Z	8
24	2120-3848	RING, HANDLE, 1"	4
25	4161-0009	HCS .312-18 X 2.75 Z	2
26	2400-0050	PAD, FOOT, RUBBER, MED.	2

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A

B

C

D

E

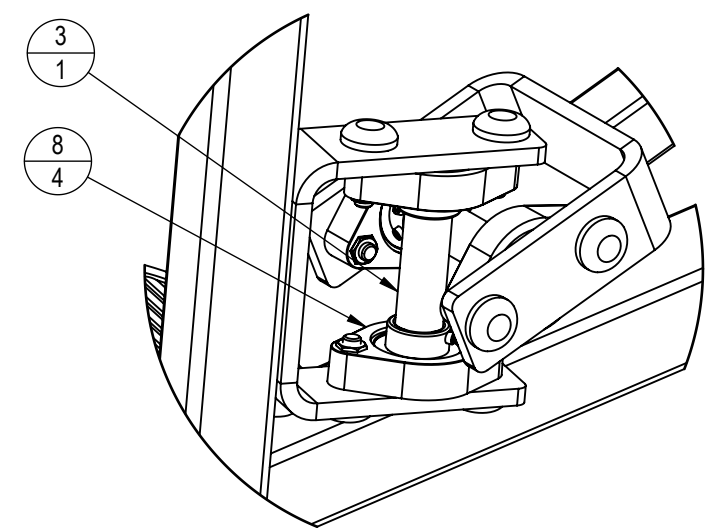
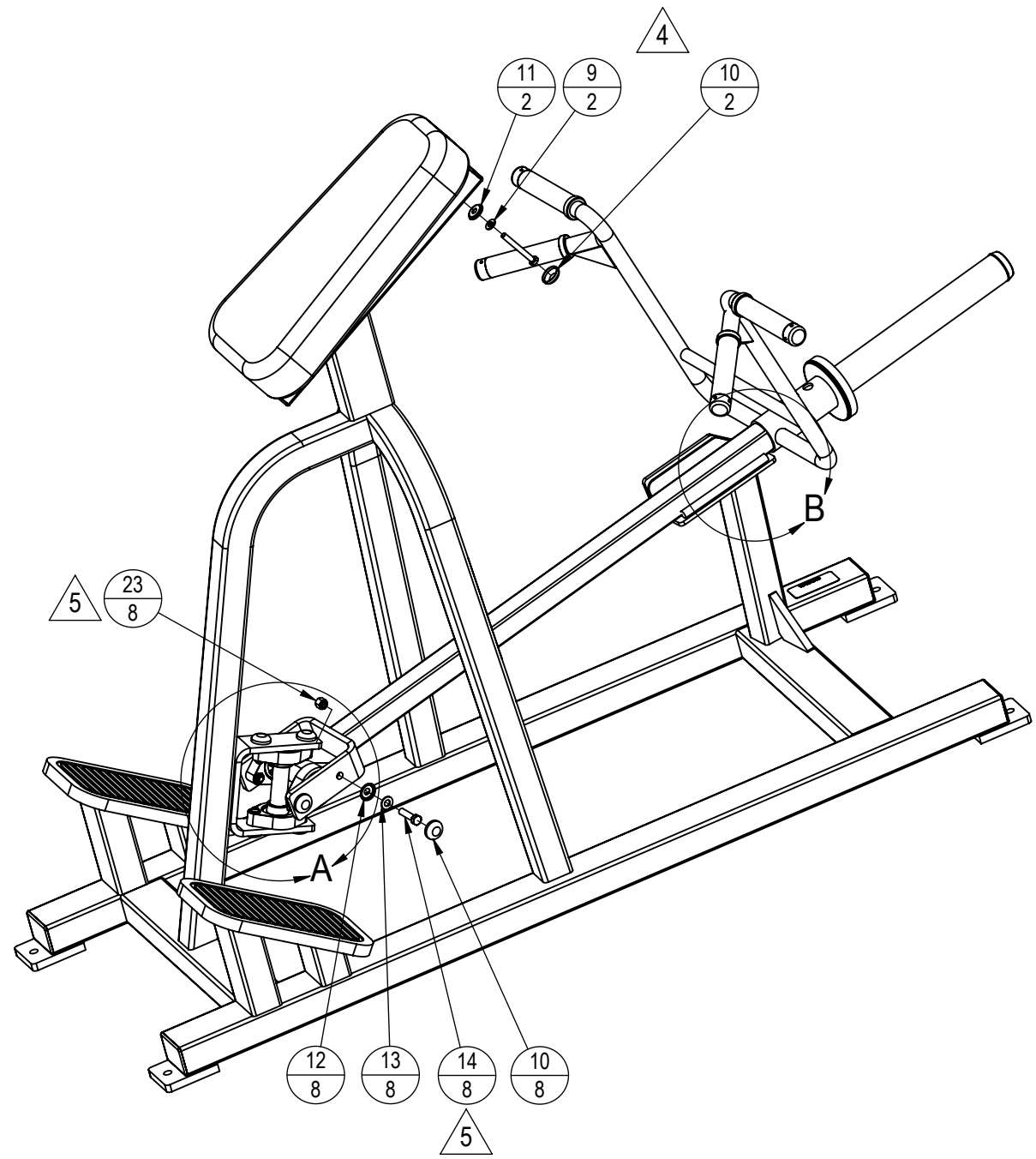
F

G

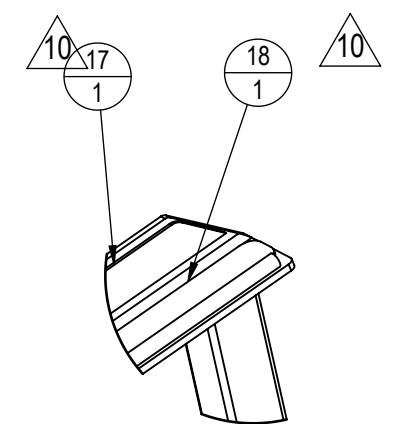
H

I

J



DETAIL A
SCALE 1:4

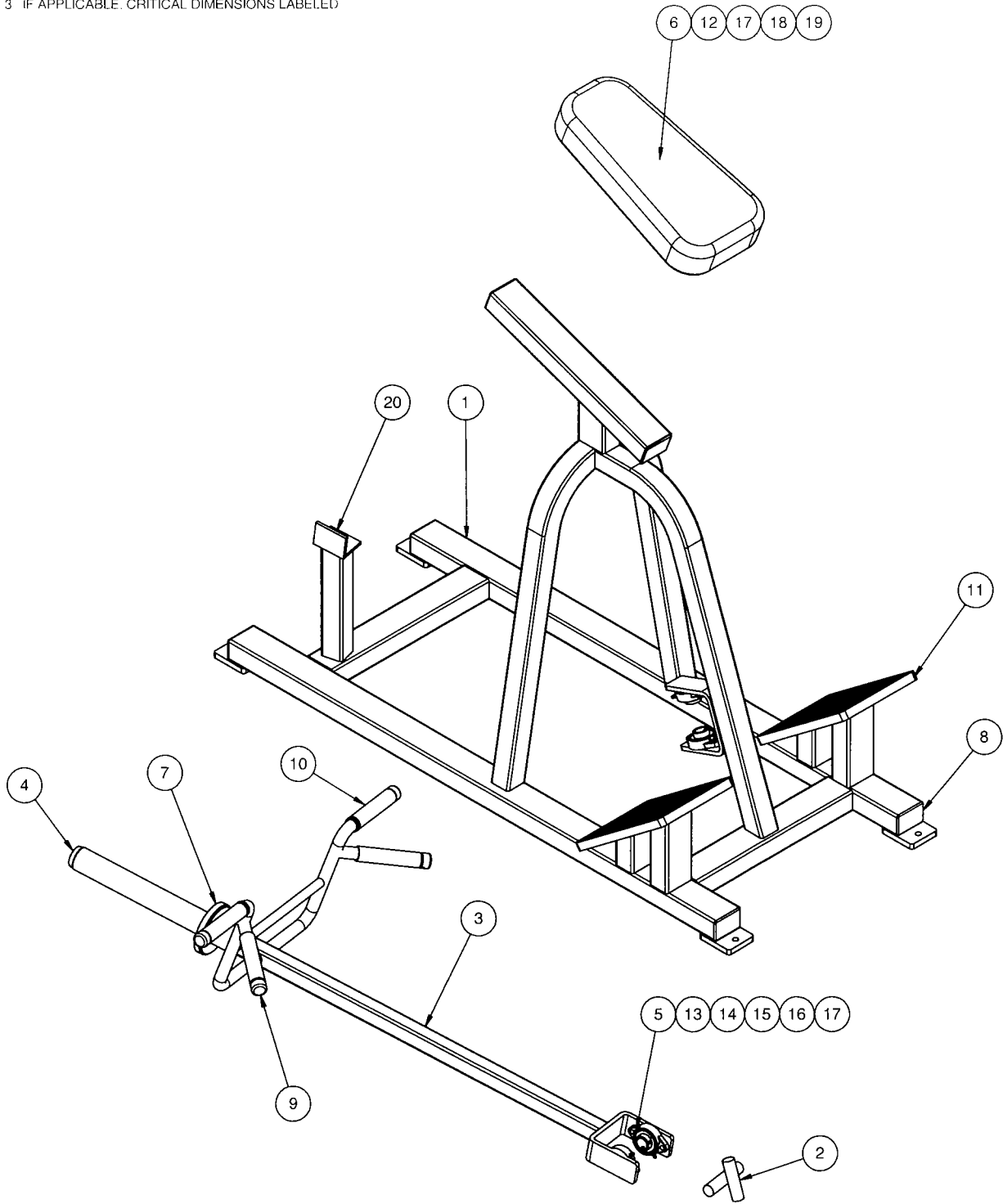


DETAIL B
SCALE 1 : 6

UNISEN, INC. DBA		14410 Myford Road Irvine CA 92606	
			
PART NO	FB-314	REV	C
TITLE TOP ASSY, FB-314			
SCALE: 1:24		SHEET 2 OF 2	SHEET SIZE: B

- NOTES: UNLESS OTHERWISE SPECIFIED
1. INTERPRET DRAWING PER ASME Y14.5M-1994
 2. REMOVE ALL BURRS AND SHARP EDGES .015/ .030
 3. IF APPLICABLE, CRITICAL DIMENSIONS LABELED

REVISIONS				
REV	DESCRIPTION	ECO	DATE	BY
A	PRODUCTION RELEASE	N/R	8/12/05	



ITEM NO.	QTY	PART NO.	DESCRIPTION
1	1	3620-0045	MAIN FRAME
2	1	3620-0050	UNIVERSAL JOINT
3	1	3620-0046	LEVER ARM
4	1	4900-0136	WEIGHT CAP, BLACK
5	4	4900-0062	2-BOLT BEARING, FLANGE MOUNT
6	1	3500-0061	CHEST PAD
7	1	4900-0135	RUBBER WASHER
8	6	4900-0087	BLACK CAP, 2 X 3
9	4	4900-0005	CAP, HANDLE
10	4	2900-0005	GRIP, BLACK, 7"
11	2	2400-0028	RUBBER FOOT PAD
12	2	4161-0009	HEX HEAD CAP SCREW, 5/16-18 X 2 3/4
13	8	4161-0015	HEX HEAD CAP SCREW, 3/8-16 X 1 1/2
14	8	4600-0013	WASHER, SAE, 3/8"
15	8	4900-0149	CAP WASHER, 3/8"
16	8	4500-0018	NUT, NYLOK, 3/16"
17	20	4900-0145	BLACK CAP
18	2	4600-0007	WASHER, SAE, 5/16"
19	2	4900-0148	CAP WASHER, 5/16"
20	1	2120-0975	PLASTIC WEAR GUARD

NOTICE OF PROPRIETARY INFORMATION THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION CONTAINED HEREIN BE USED BY OR DISCLOSED TO OTHER EXCEPT AS EXPRESSLY AUTHORIZED BY STAR TRAC STRENGTH.	WHERE USED	MATERIAL	TOLERANCES UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES, () IN MILLIMETERS X.XXX = ± .010 ANGLES = ± 2° X.XX = ± .030 FRACTIONS = ± 1/32 X.X = ± .050 MM X.X = ± .25 X = ± .125 X.XX = ± .75		 41180 Raintree Court Murrieta, CA 92562	
		N/A				
	FINISH		NAME	DATE		PART NO
			DRAWN	DSN		8/12/05
		N/A	CHECKED	KS		8/12/05
			APPROVED	JC	1/27/06	
			TITLE		SCALE: 1:8 SHEET 1 OF 1 SHEET SIZE: C	
			TOP ASSEMBLY, FB-314		REV A	