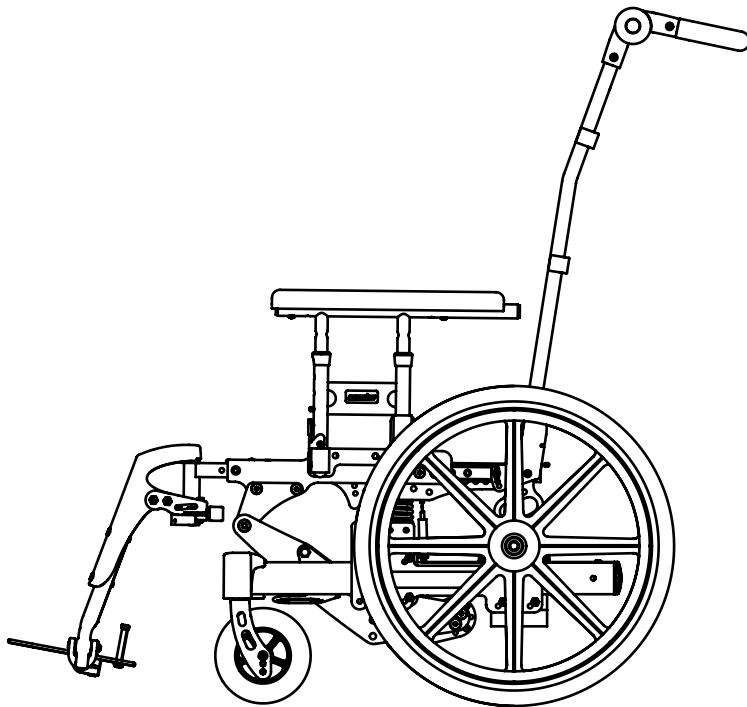
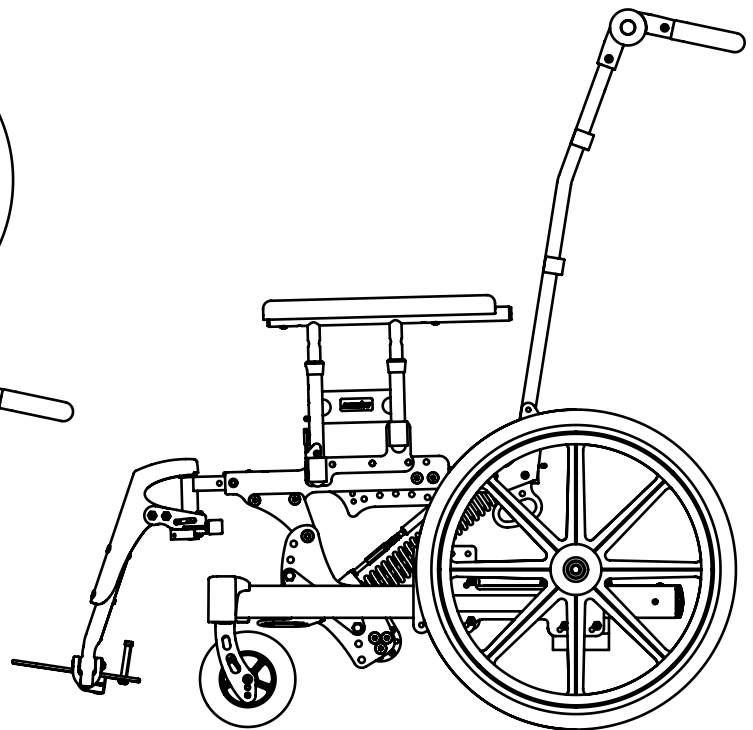


G2 - STELLAR/BENTLEY ***series***

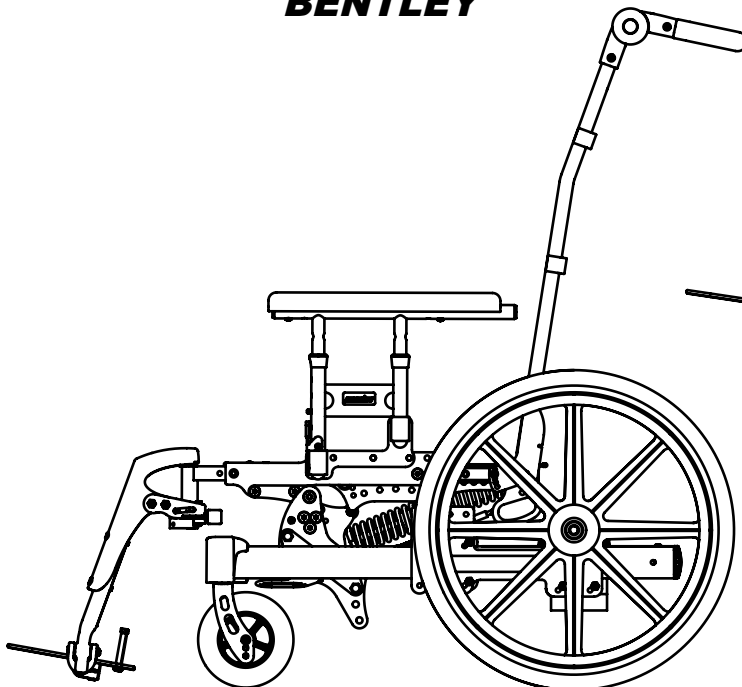
Technical Reference Manual



BENTLEY



STELLAR



STELLAR GL

PDG Product Design Group
318 East Kent Ave S, Unit 103
Vancouver, BC, V5X 4N6

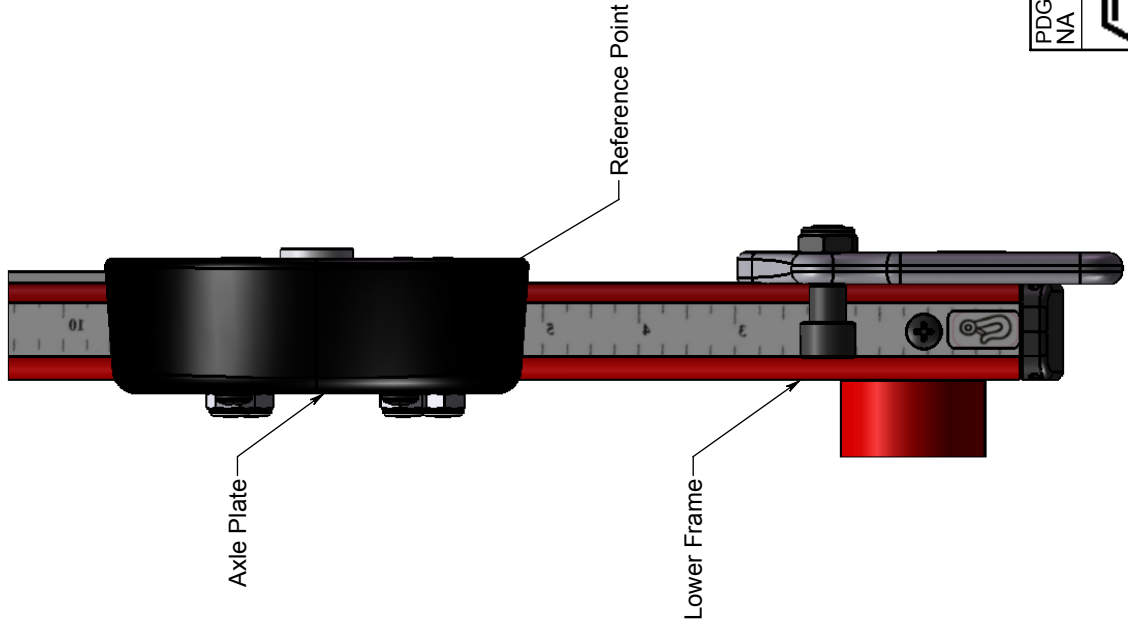
Phone: 604-323-9200 or Toll Free Phone: 888-858-4422
Fax: 604-323-9097 or Toll Free Fax: 877-323-9093

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AXLE PLATE SETUP	1
CASTERS	2
ANTI-TIPPERS	3
SEAT HEIGHT	4
GAS STRUT ADJUSTMENT/ TILT LIMITER	5
SEAT DEPTH	6
BACK	7
ARM SETUP	8
FRONT RIGGING HANGER	9
WHEELS	10
RECLINING BACK	11

1	2	3	4	5	6
Rev	Revision description				ECO#
2	Update drawing references				1353



Axle Plate

Lower Frame

Reference Point

STELLAR		E	7	6	6.75	19"	20"/21"	22"
		D	6.5	5.5	6.5	7.25	6.25	6.25
		C	6.5	5.5	6.5	7	6	6
		A/B	6.5	5.5	6.5	5.5	6	6
		A-E	6.25	5.25	4.25	3.25	2.25	2.25
		C/D	6.5	6.5	5.5	7.75	6.75	6.75
STELLAR GL		A/B	6.5	6.5	5.5	7.5	6.5	6.5

Note 1: Reduce position by 1/2" if back angle is above 98 degrees.

Note 2: For Stellar, reduce position by 1.5" if 30 degree reclining back option is chosen.

Note 3: For use of rocker back, put rocker back at 2"

Note 4: For Stellar GL positions A-D see Drawing 85055

Note 5: For Bentley positions A-E see Drawing 85055

Note 6: For Stellar positions A-E see Drawing 85055

PDG part number
NA

Author
Caitlin Lukow

Technical reference
Michael Jalmanson

Revised by
Keira Lane

Approved by
Torr Brown

CUS: []

Title: Bentley/Stellar/Stellar GL - Axle Plate Position Chart		File name (Drawing #) 85001		Status NA
Third angle projection Tolerances unless otherwise stated: Angular: +/- 1° Other x +/-0.8, x.x +/-0.4, x.xx +/-0.15		Units mm		Revision 2

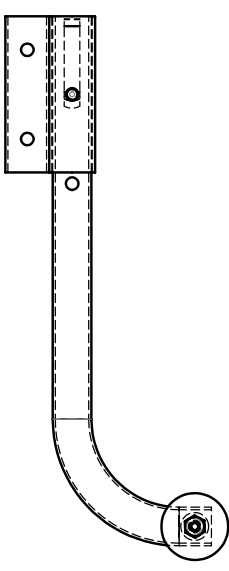
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Dimensioning and Tolerancing Standard ASME Y14.5-2009

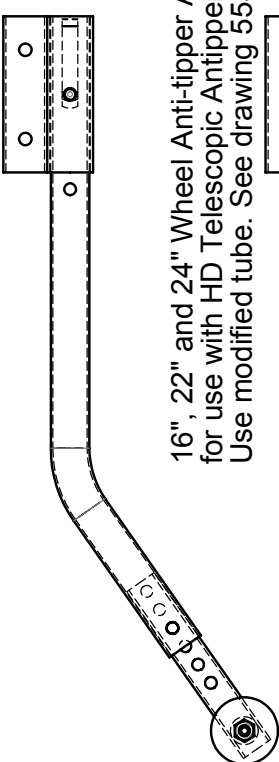
Page 5 of 33

1	2	3	4	5	6
Rev	Revision description				ECO#
1	Add set up options for B/S with HD Telescopic Anti-tipper, also for Eclipse chairs				1281

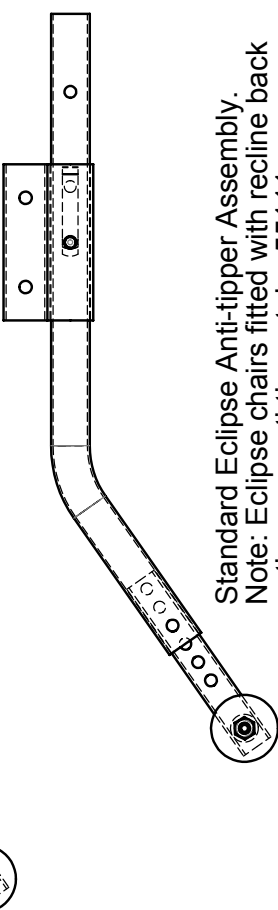
12" and 20" Wheel Anti-tipper Assembly



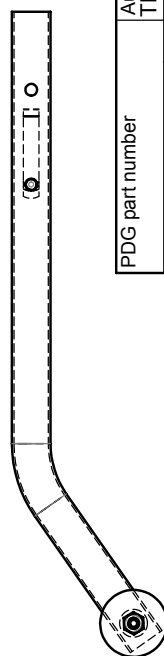
16", 22" and 24" Wheel Anti-tipper Assembly



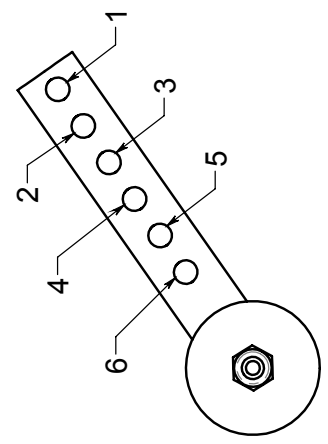
16", 22" and 24" Wheel Anti-tipper Assembly for use with HD Telescopic Anti-tipper Option
Use modified tube. See drawing 55594.



Standard Eclipse Anti-tipper Assembly.
Note: Eclipse chairs fitted with recline back option use anti-tipper tube 55111.



16", 22" and 24" Rear Wheel Antitippers



Note: Use figure above to locate antitipper position 1 to 6 on the Table below. Positions 1 to 3 can be used to make the chair more stable but will reduce the caster ground clearance when the wheelchair is tipped backwards on to antitippers.

16", 22" and 24" Wheel Antippper Assembly Length Adjustment					
Use with and without Telescoping Antippper Option					
Product and Axle Plate Position	3-1/2" to 4-1/2"	4-3/4" to 6-3/4"	7" to 8"		
Stellar / GL	4	5	6		
Bentley	5	6	NA		
Eclipse	No Extension Tube				

PDG part number

Author TB

Title: B/S/E Antippper Selection

Third angle projection

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Technical reference MJ

Revised by DZ

File name (Drawing #) 85004

Units [mm]

Tolerances unless otherwise stated:
Angular: +/- 1°
Other: x +/-0.8, x.x +/-0.4, x.xx +/-0.15

Approved by WS

Status

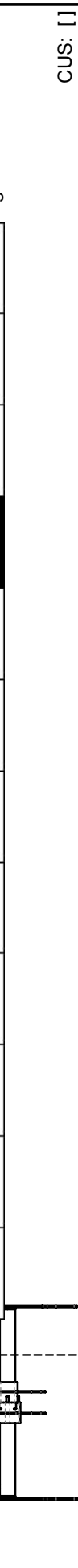
Dimensioning and Tolerancing Standard ASME Y14.5-2009

CUS: []

1	2	3	4	5	6	7	8	9	10	11
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Technical drawing of a vertical metal profile. The profile has a series of circular holes along its length. Two mounting brackets are shown attached to the profile, each with two screws. The drawing is a side view, showing the profile's cross-section and the arrangement of the holes and brackets.

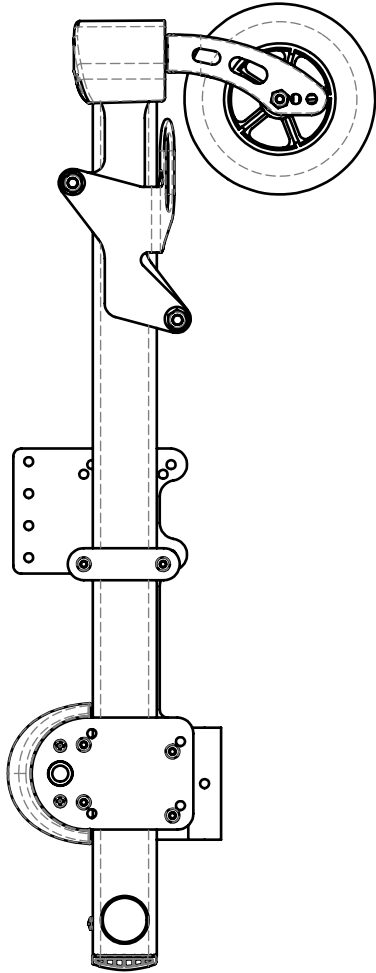
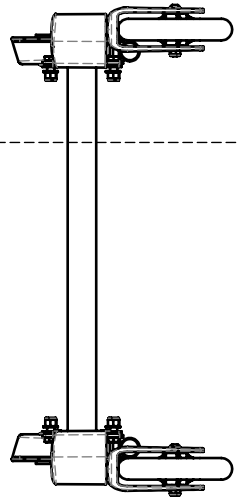
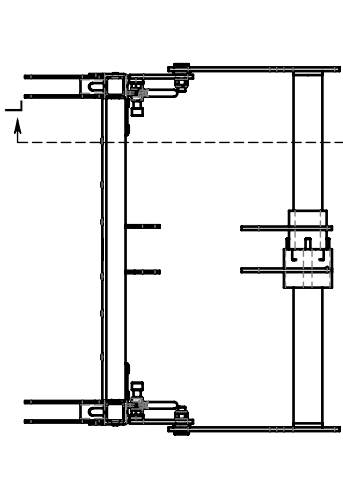
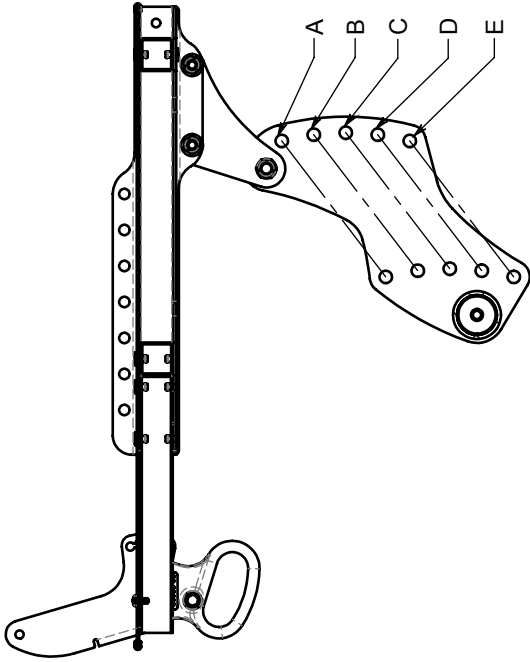
Note 1: See Drawing 85003 for caster set-up specifications

[illegible]

1	2	3	4	5	6
Rev	Revision description				ECO#
1	Updated to include Bentley Extended Seat To Floor				1534

STELLAR

	12"/20" Rear Wheel with 6" Caster	22" Rear Wheel with 6" Caster	16"/24" Rear Wheel with 8" Caster	Lower Frame Hole Position
Seat Height	14"	15"	16"	A
	15"	16"	17"	B
	16"	17"	18"	C
	17"	18"	19"	D
	18"	19"	20"	E



PDG part number NA	Author Bahareh Ashtiani	Technical reference Bahareh Ashtiani	Revised by Keira Lane	Approved by Torr Brown	File name (Drawing #) 85055	Status NA
Title: Taco Tuesday - B/S/GL Chair Seat Height Adjustment Chart					Sheet 2 of 3	Revision 1
Tolerances unless otherwise stated: Angular: $\pm 1^\circ$ Other: $x \pm 0.8, x.x \pm 0.4, x.xx \pm 0.15$					Units mm	
Third angle projection						
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12	11	10	9	8	7	6
5	4	3	2	1		

Dimensioning and Tolerancing Standard ASME Y14.5-2009

1	2	3	4	5	6
Rev	Revision description				ECO#
0	Initial Release				1479

See Configuration

Item	Part Name or Description	Number	With Tiedown/ QTY
1	G2 - Upper Frame - Bonded Assembly	55781	1
2	G2 - Rear Seat Depth Insert	55788	2
3	Bentley/Stellar Fold Down Back Bracket	55059	2
4	3/8-16 x 1" w 5/8" thread - socket head cap screw - Black Zinc	12088	2
5	G2 - Upper Frame - Seat Pan	55787	2
6	5/16-18 x 7/8 L Flat Head Screw	12639	6
7	# 8 x 3/8" self-tapping phillips pan head screw	12067	6
8	Bentley/Stellar Seat Pan Edge Moulding Rounded With Glue	55962	1
9	Bentley/Stellar Seat Pan Edge Moulding Rounded With Glue	55962	1
10	1/4-20 x 1-1/2" Socket Button Head - Black Zinc	12044	4
11	1/4-20 Nylon Locknut	12183	4
12	G2 - Tie Down - Rear	55789	2

CUS: [20621]

PDG part number
NA

Author
Bahareh Ashtiani

Technical reference
Jim Formby

Revised by
Bahareh Ashtiani

Approved by
Jim Formby

Title:
G2 - Common Upper Frame Assembly

File name (Drawing #)
55780

Status
NA

Revision
0

Date of Issue
2015 June 09

Sheet
1 of 2

Units
mm

Tolerances unless otherwise stated:
Angular: +/- 1°
Other x +/-0.8, x.x +/-0.4, x.xx +/-0.15

Notes:

1. Material: As per detailed part
2. Remove burrs & sharp edges.
3. Finish : See purchase order
4. Component weight [grams]: 6454.21
5. All holes are through unless otherwise specified
6. Dimensional limits apply before coating.
7. Maximum coating thickness is 0.1mm.

Dimensioning and Tolerancing Standard ASME Y14.5-2009

1	2	3	4	5	6
Rev		Revision description		ECO#	
0		Initial Release		1479	

CUS: [20640]

Item	Part Name or Description	Number	Short - with Tie Downs/QTY.
1	Stellar GL - Cap - Lower Frame - Front Cap (LH/RH)	55559	1
2	Caster & Fork Assembly	12192	2
3	Stellar GL - Cap - Lower Frame - Front Cap (RH/LH)	55559	1
4	B/S Axle Plate Assembly (20"/22"/24" Wheel) (RH/LH)	55576	1
5	B/S Axle Plate Assembly (20"/22"/24" Wheel) (LH/RH)	55576	1
6	# 8 x 3/8" self-tapping phillips pan head screw	12067	2
7	0.216" ID x 0.512" OD x 3/64" Washer Steel Black (#10)	12115	2
8	Stellar GL - Cap - Axle plate 20" 24"	55558	2
9	# 10-14 x 5/8" self-tapping phillips pan head screw - black zinc	12432	6
10	Stellar GL - Cap - Lower Frame - Back	55557	2
11	Bearing R8ZZ (1/2 ID x 1 1/8 OD x 5/16 Width)(RS type acceptable)	12019	4
12	G2 - Lower Frame - Weldment	55761	1
13	G2 - Lower Frame - Mounting Bracket with Tie Down (LH/RH)	55764	1
14	G2 - Lower Frame - Mounting Bracket with Tie Down (RH/LH)	55764	1
15	Ruler Label	16003	2

Notes:
1. Material: As per detailed part
2. Remove burrs & sharp edges.
3. Finish : As per detailed part
4. Component weight [grams]: 8059.61
5. All holes are through unless otherwise specified
6. Dimensional limits apply before coating.
7. Maximum coating thickness is 0.1mm.
8. General tolerance of ± 0.15 mm.

PDG part number		Author	Technical reference	Revised by	Approved by
NA		Torr Brown	Torr Brown	Jim Formby	Bahareh Ashtiani

Title:		File name (Drawing #)		Status
G2 - Lower Frame Assembly		55760		NA

Third angle projection		Tolerances unless otherwise stated:	Units	Sheet	Date of Issue	Revision
		Angular: $\pm 1^\circ$ Other x ± 0.8 , x.x ± 0.4 , x.xx ± 0.15	mm	1 of 2	2015 June 02	0

Dimensioning and Tolerancing Standard ASME Y14.5-2009

1	2	3	4	5	6	7	8	9	10	11
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1	2	3	4	5	6
Rev	Revision description			ECO#	
0	Initial Release			1479	

Item	Part Name or Description	Number	Short - without Tie Downs/QTY.
1	Stellar GL - Cap - Lower Frame - Front Cap (LH/RH)	55559	1
2	Caster & Fork Assembly	12192	2
3	Stellar GL - Cap - Lower Frame - Front Cap (RH/LH)	55559	1
4	B/S Axle Plate Assembly (20"/22"/24" Wheel) (RH/LH)	55576	1
5	B/S Axle Plate Assembly (20"/22"/24" Wheel) (LH/RH)	55576	1
6	# 8 x 3/8" self-tapping phillips pan head screw	12067	2
7	0.216" ID x 0.512" OD x 3/64" Washer Steel Black (#10)	12115	2
8	Stellar GL - Cap - Axle plate 20" 24"	55558	2
9	# 10-14 x 5/8" self-tapping phillips pan head screw - black zinc	12432	6
10	Stellar GL - Cap - Lower Frame - Back	55557	2
11	Bearing R8ZZ (1/2 ID x 1 1/8 OD x 5/16 Width)(RS type acceptable)	12019	4
12	G2 - Lower Frame - Weldment	55761	1
13	G2 - Lower Frame - Mounting Bracket Shim	55765	2
14	Ruler Label	16003	2

PDG part number NA	Author Torr Brown	Technical reference Torr Brown	Revised by Jim Formby	Approved by Bahareh Ashtiani
Title: G2 - Lower Frame Assembly		File name (Drawing #) 55760		Status NA
Third angle projection 		Tolerances unless otherwise stated: Angular: +/- 1° Other x +/- 0.8, x.x +/- 0.4, x.xx +/- 0.15	Units mm	Sheet 2 of 2
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Dimensioning and Tolerancing Standard ASME Y14.5-2009

1	2	3	4	5	6	7	8	9	10	11
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1		2		3		4		5		6	
Rev	Revision description		ECO#								
0	Initial Release		1479								

Item	Part Name or Description	Number	QTY
1	G2 - Lower Frame Assembly	55760	1
2	Stellar GL - Gas Strut Assembly	55577	1
3	G2 - Common Upper Frame Assembly	55780	1
4	G2 - Stellar GL - Sub-Frame - Assembly	55731	1
5	1/2" x 1/2" x 3/8-16 Socket Head Shoulder Bolt - Black Zinc	12241	2
6	Oil Lite Bushing - Flanged - 1/2" ID x 5/8" OD x 1/2" L	12398	2
7	G2 - Stellar GL - Upper Frame - Pivot Plate (LH/RH)	55734	1
8	3/8" ID x 3/4" OD x 3/64" Washer Steel Black	12028	4
9	3/8-16 x 1" Hex Head Bolt	12408	4
10	Spring - Wave Disc - 0.650" ID x 0.855" OD x 0.060" Height	12480	2
11	3/8-16 Nylon Locknut - Thick - Black Zinc	12021	6
12	5/16-18 x 7/8 L Flat Head Screw	12639	4
13	G2 - Stellar GL - Upper Frame - Pivot Plate (RH/LH)	55734	1
14	5/16-18 (2B) Nylon Locknut - Thick - Black Zinc	12010	4
15	5/16" ID x 11/16" OD x 1/16" Washer - Black Zinc	12013	4
16	Stellar GL - Tilt Limiting Bumper	55569	1
17	1/4-20 x 5/8" flat head cap screw - Black Zinc	12014	2
18	5/16" x 2 1/2" x 1/4-20 Socket Head Shoulder Bolt - Black Zinc	12029	2
19	1/4" ID x 5/8" OD x 3/64" Washer - Steel - Black Zinc	12028	1
20	5/16" ID x 1/2" OD x 1/8" Black Nylon Spacer	12227	2
21	G2 - Stellar GL Sub Frame - Tilt Limiting Sleeve	55735	1
22	1/4" x 2.5" Quick Release Pin - Ring Grip	12417	1
23	1/4-20 Nylon Locknut - Thin - Black Zinc	12037	2

Notes:

1. Material: As per detailed part
2. Remove burrs & sharp edges.
3. Finish : See purchase order
4. Component weight [grams]: 18518.82
5. All holes are through unless otherwise specified
6. Dimensional limits apply before coating.
7. General tolerance of ± 0.15 mm. CUS: [20615]

PDG part number	Author	Technical reference	Revised by	Approved by
NA	Bahareh Ashtiani	Bahareh Ashtiani	Vinh Tran	Torr Brown
Title:		File name (Drawing #)		Status
G2 - Stellar GL Chair Frame Assembly		55730		NA
Tolerances unless otherwise stated: Angular: $\pm 1^\circ$ Other $x \pm 0.8, x.x \pm 0.4, x.xx \pm 0.15$		Units	Sheet	Date of Issue
Third angle projection		mm	1 of 1	2015 June 09
Revision		0		

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Dimensioning and Tolerancing Standard ASME Y14.5-2009

Revision description		ECO#
0	Initial Release	1479

Item	Part Name or Description	Number	QTY
1	G2 - Lower Frame Assembly	55760	1
2	G2 - Stellar - Sub-Frame - Assembly	55741	1
3	G2 - Common Upper Frame Assembly	55780	1
4	Stellar Gas Strut and Spring Assembly	55603	1
5	5/16" x 3-1/2" x 1/4-20 Socket Head Shoulder Bolt - Black Zinc	12219	2
6	1/2" x 1/2" x 3/8-16 Socket Head Shoulder Bolt - Black Zinc	12241	2
7	Oil Lite Bushing - Flanged - 1/2" ID x 5/8" OD x 1/2" L	12398	2
8	G2 - Bentley/Stellar - Upper Frame - Pivot Plate (LH/RH)	55744	1
9	5/16-18 x 7/8 L Flat Head Screw	12639	4
10	3/8-16 Nylon Locknut - Thick - Black Zinc	12021	6
11	3/8-16 x 1" Hex Head Bolt	12408	4
12	Spring - Wave Disc - 0.650" ID x 0.855" OD x 0.060" Height	12480	2
13	5/16-18 (2B) Nylon Locknut - Thick - Black Zinc	12010	4
14	5/16" ID x 1 1/16" OD x 1/16" Washer - Black Zinc	12013	4
15	G2 - Bentley/Stellar - Upper Frame - Pivot Plate (RH/LH)	55744	1
16	Tilt Limiter Assembly	13074	1
17	1/4 - 20 Nylon Locknut - Thick - Black Zinc	12223	2
18	5/16" ID x 1/2" OD x 1/8" Black Nylon Spacer	12227	2
19	5/16" ID x 1/2" OD x 1/16" Black Nylon Spacer	12512	1
20	1/4"ID x 1/2"OD x 0.06T Nylon Washer	12226	1

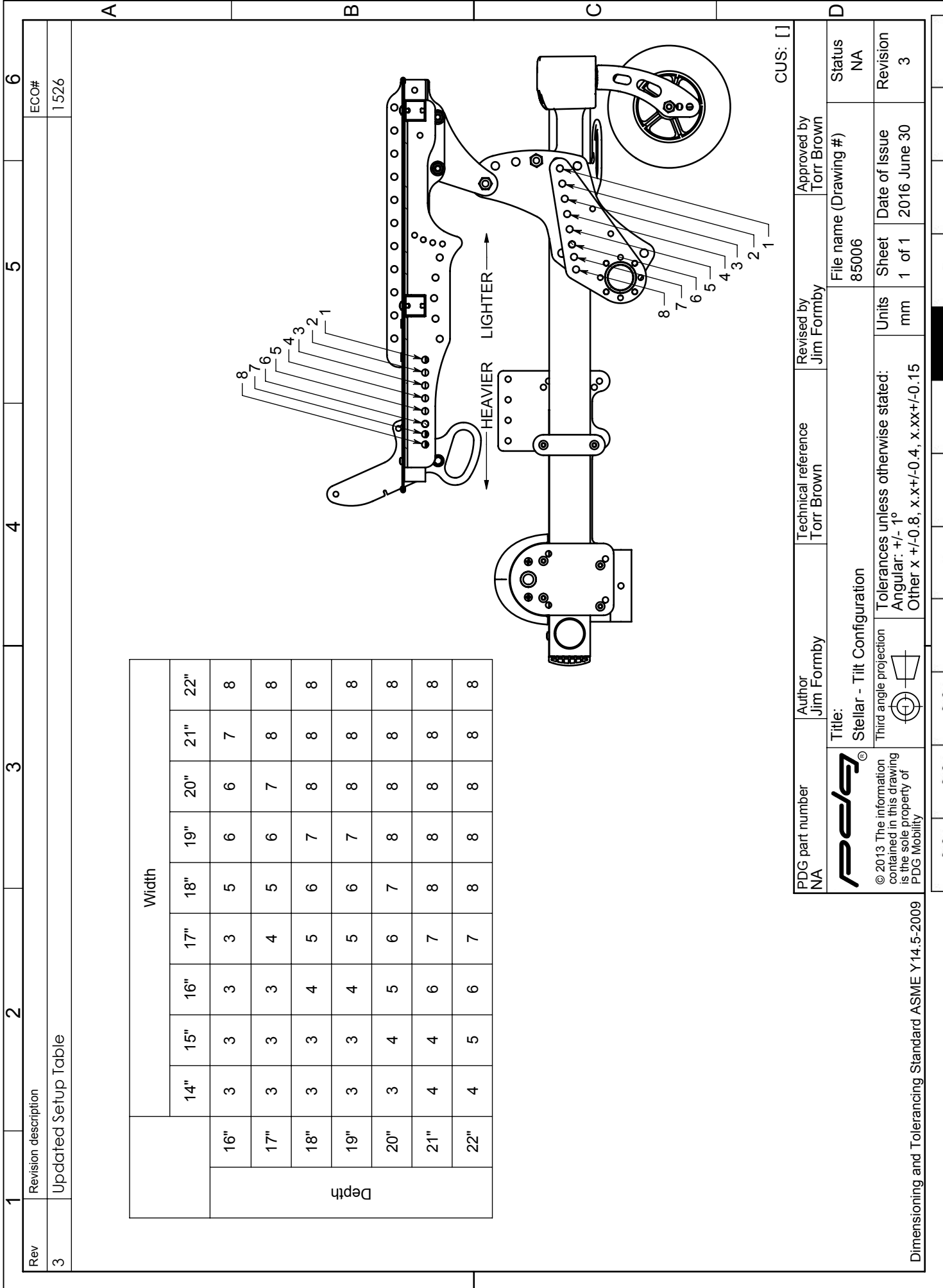
Technical reference		Revised by	Approved by
Bahareh Ashtiani		Vinh Tran	Torr Brown

Title:		File name (Drawing #)	Status
G2 - Stellar Chair Frame Assembly		55740	NA

Tolerances unless otherwise stated:		Units	Sheet	Date of Issue	Revision
Angular: +/- 1°		mm	1 of 1	2015 June 09	0
Other x +/-0.8, x.x +/-0.4, x.xx +/-0.15					

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Dimensioning and Tolerancing Standard ASME Y14.5-2009



Bentley / Stellar Charts

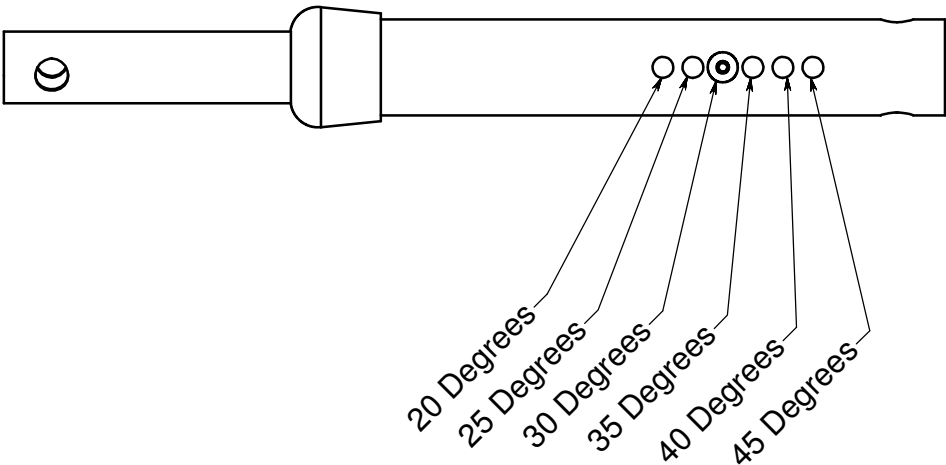
Trigger Cable and Tilt Limiter Setup

Trigger Cable Selection

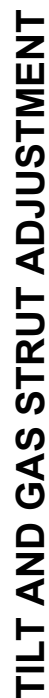
Cable	When to Use
49"	25" Back Post
59"	31" Tall Back Post

Note 1: Dual activator Cable is not compatible with 31" high Back Frame
Note 2: Pre-adjust cable to 1/2" from edge.

Tilt Limiter (Stellar Only)



Note: Move shoulder bolt to set tilt limit degrees specified in the Work Order.
Chair may not tilt exactly at required angle.



*** HD position will result in reduced tilt range.

PDG part number NA	Author Jim Formby	Technical reference Torr Brown	Revised by Jim Formby	Approved by Torr Brown	D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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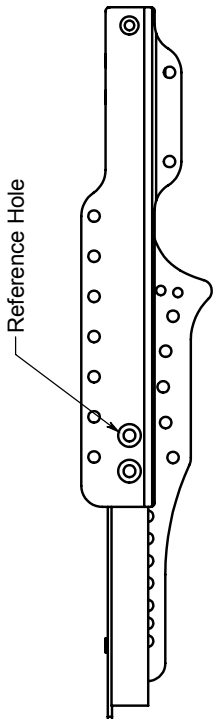
4

5

6

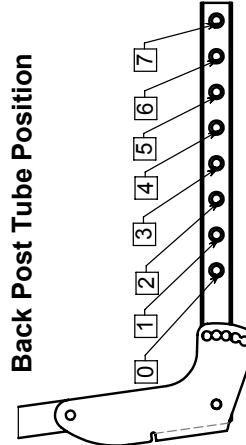
Rev	Revision description	ECO#
3	Modified for common upper frame	1477

Upper Frame

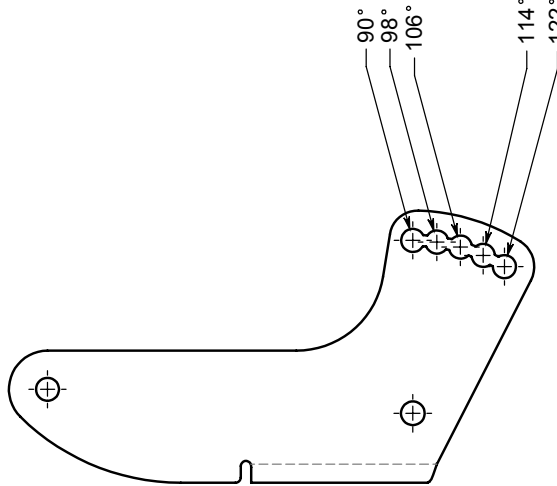


Reference Hole

Back Post Tube Position



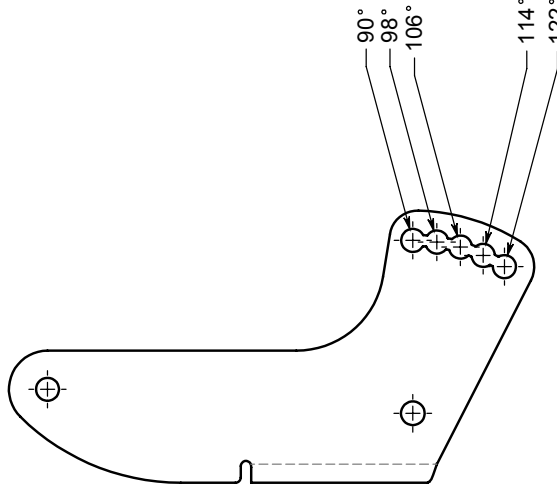
Back Rest Angle Setup



Seat Depth

16"	17"	18"	19"	20"	21"	22"
1	2	3	4	5	5*	6*
* Large Seat Pan Required						

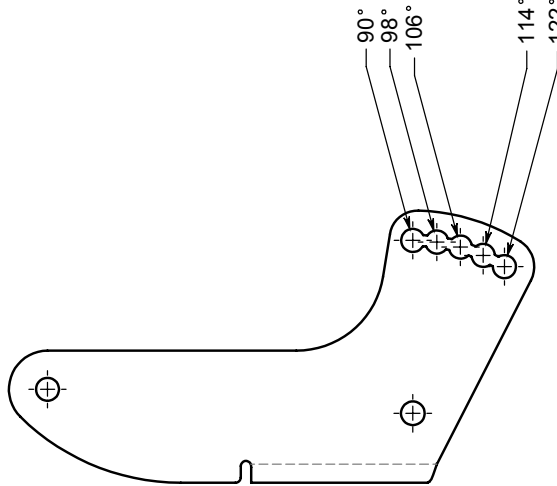
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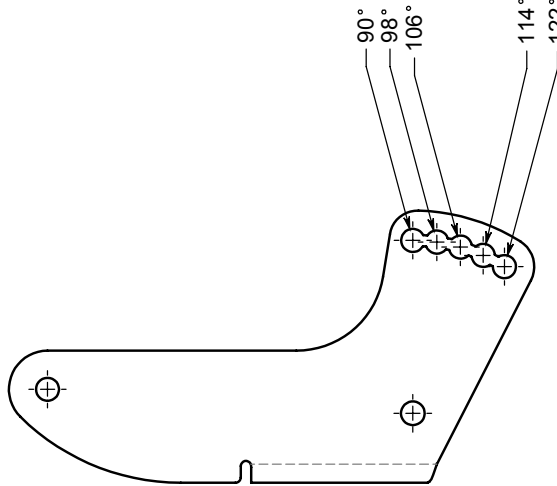
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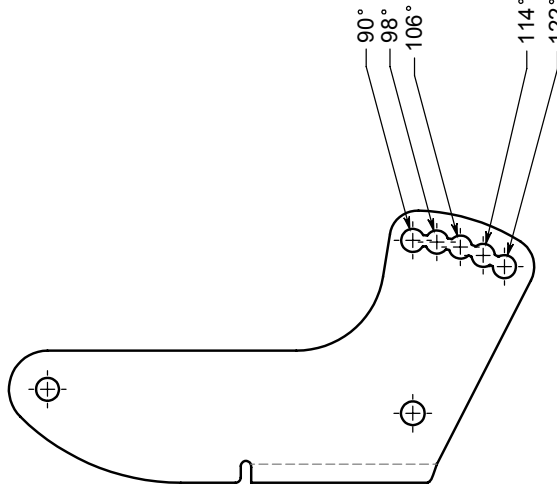
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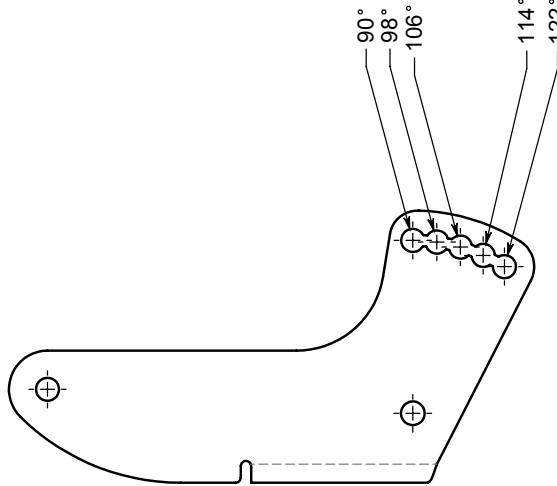
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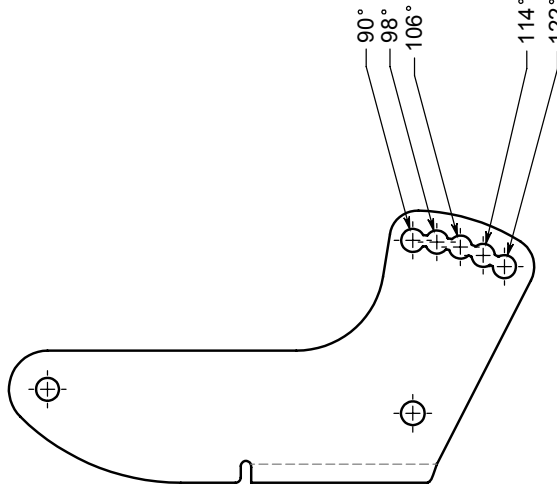
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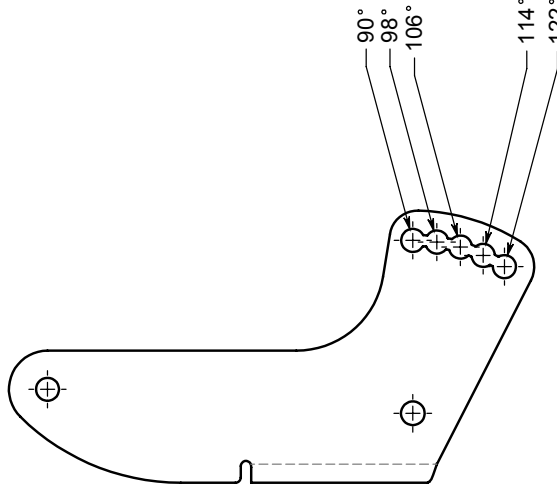
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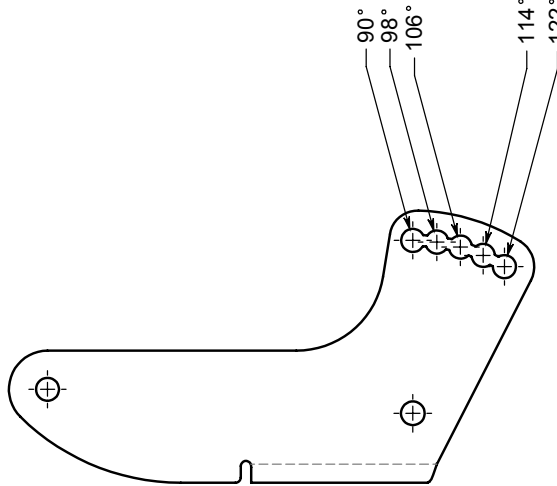
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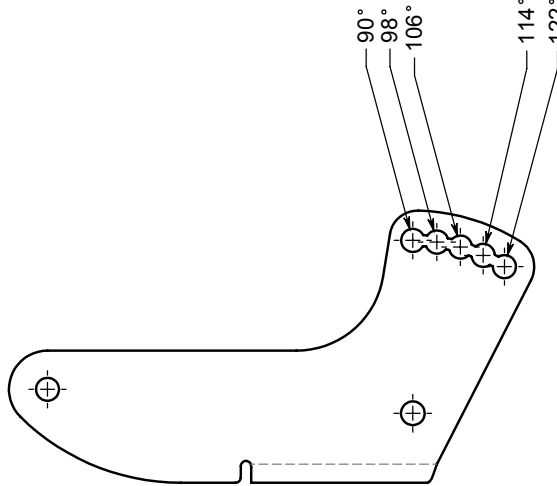
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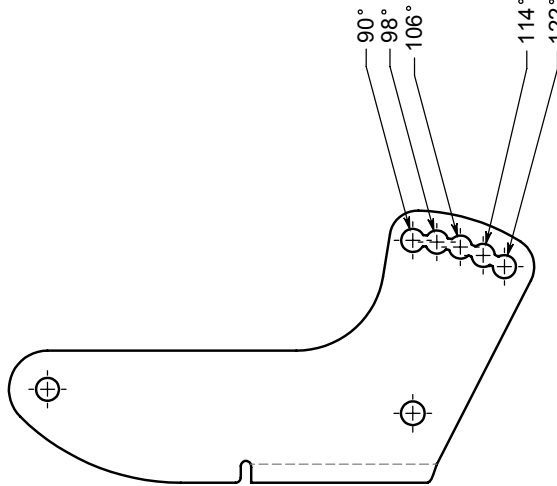
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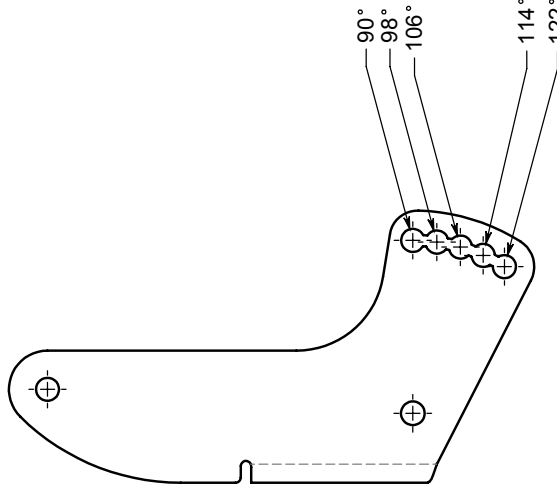
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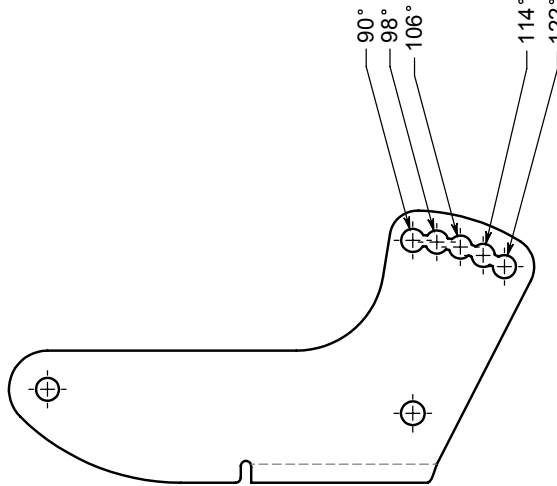
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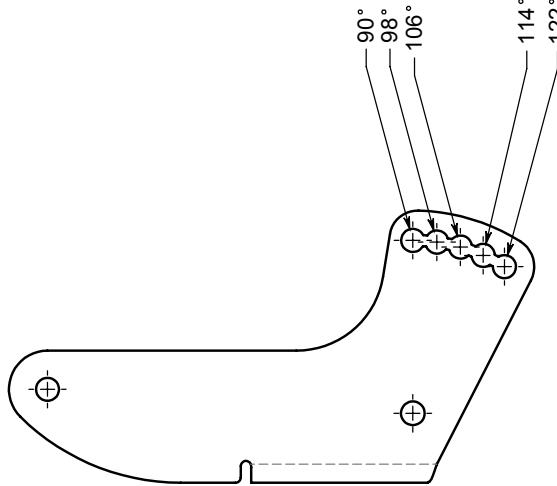
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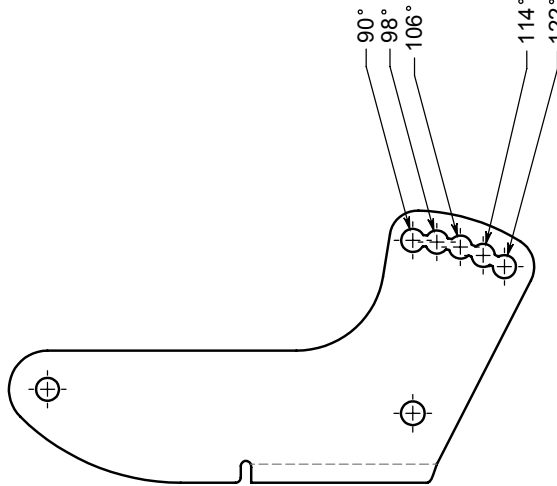
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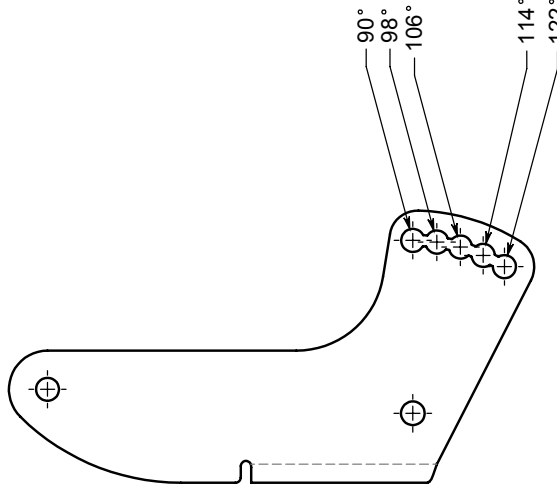
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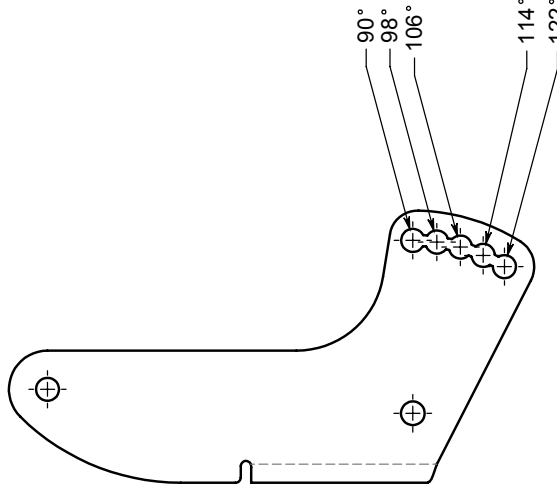
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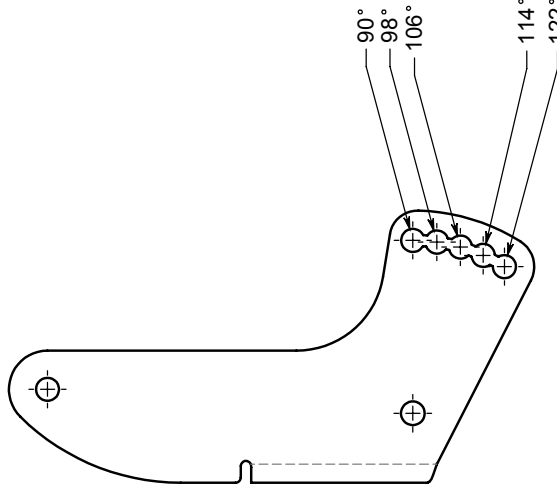
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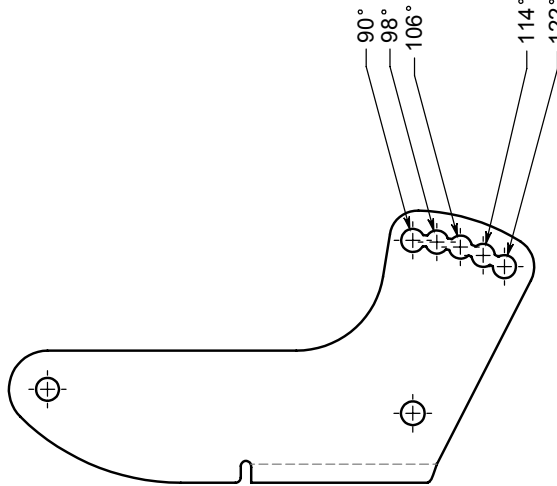
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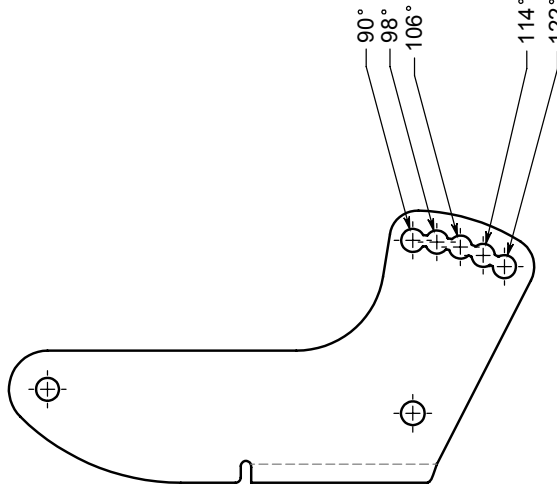
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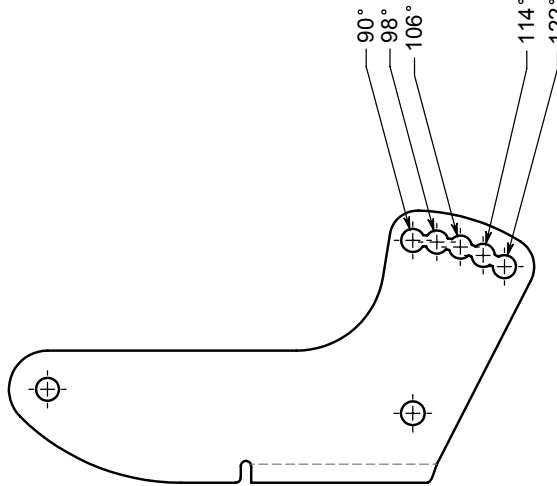
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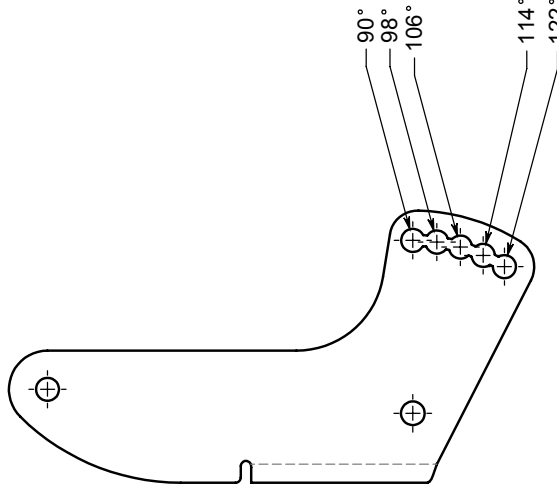
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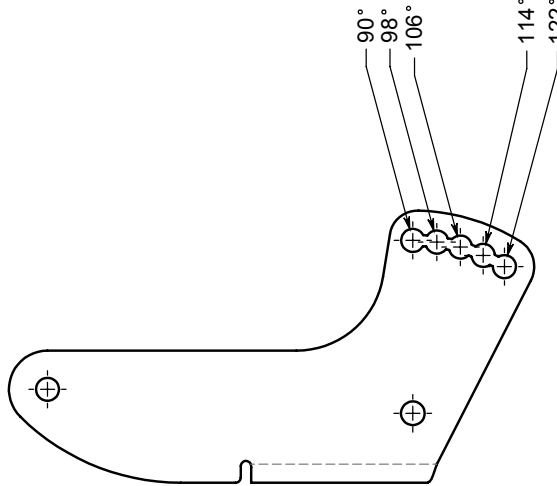
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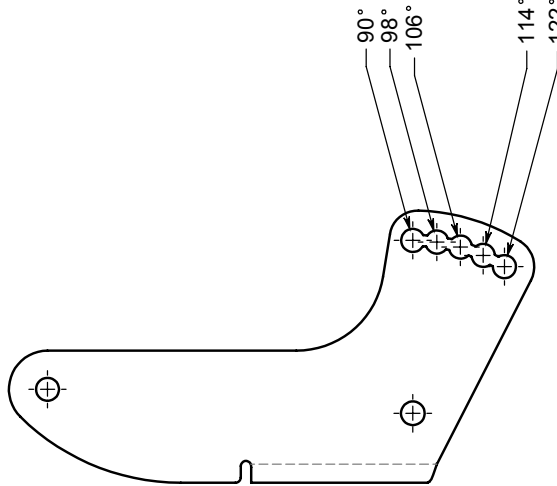
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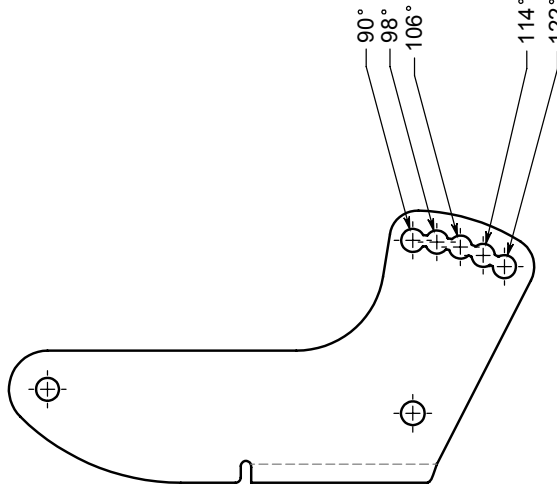
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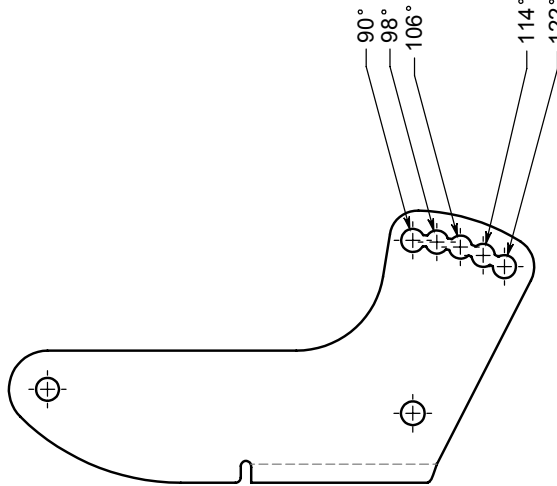
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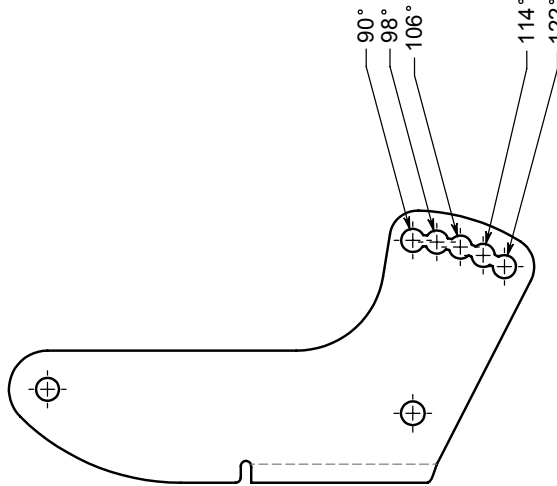
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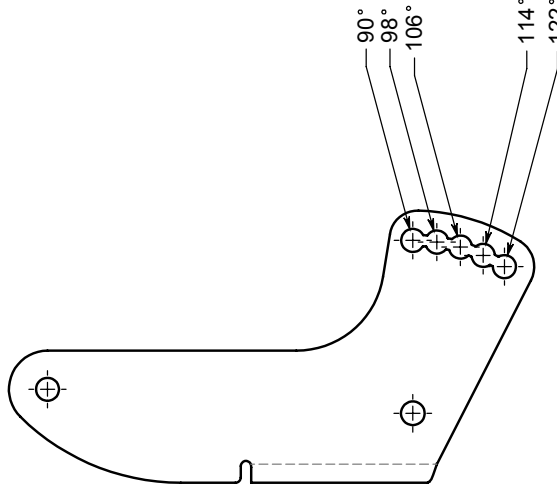
Back Rest Angle Setup



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Back Rest Angle Setup



Seat Depth

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1	2	3	4	5	5*	6*

1	2	3	4	5	6
Rev	Revision description		ECO#		
0	Initial Release		1479		

ITEM NO.	NUMBER	DESCRIPTION	Default/ QTY.
1	55166	1" OD x 1/2" ID x 5/8" Long - Urethane Tube Bushing	2
2	12003	1/4-20 Nylon Locknut - Thick - Black Zinc	2
3	12013	5/16" ID x 11/16" OD x 1/16" Washer - Black Zinc	4
4	12556	5/16"-18 x 2" Socket Head Cap Screw	2
5	12010	5/16-18 (2B) Nylon Locknut - Thick - Black Zinc	2
6	12028	1/4" ID x 5/8" OD x 3/64" Washer - Steel - Black Zinc	4
7	12053	Oil Lite Bushing - 1/4" ID x 3/8" OD x 1"L	2
8	55210	Bentley/Stellar Angle Adjustable Push Bar - Lower Tube - Tall	2
9	12456	1/4-20 x 1-1/2" with 1-1/8" Shoulder - Button Head Bolt	2
10	55780	G2 - Common Upper Frame Assembly	1

PDG part number	Author	Technical reference	Revised by	Approved by
N/A	Jim Formby	Torr Brown	Vinh Tran	Torr Brown

Title:		File name (Drawing #)	Status
G2 - Bentley/Stellar Back Post Installation		55639	N/A

Tolerances unless otherwise stated:		Sheet	Date of Issue
Angular: +/- 1°	Units	1 of 2	2015 July 08
Other: x +/-0.8, x.x +/-0.4, x.xx +/-0.15	mm		

© 2013 The information contained in this drawing is the sole property of PDG Mobility	11	10	9	8	7	6	5	4	3	2	1
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1		2		3		4		5		6	
Rev	Revision description					ECO#					
0	Initial Release					1479					

ITEM		NUMBER		DESCRIPTION		Spring Back/QTY.	
1		55166		1" OD x 1/2" ID x 5/8" Long - Urethane Tube Bushing		2	
2		12003		1/4-20 Nylon Locknut - Thick - Black Zinc		2	
3		12013		5/16" ID x 11/16" OD x 1/16" Washer - Black Zinc		4	
4		12010		5/16-18 (2B) Nylon Locknut - Thick - Black Zinc		2	
5		12028		1/4" ID x 5/8" OD x 3/64" Washer - Steel - Black Zinc		4	
6		12053		Oil Lite Bushing - 1/4" ID x 3/8" OD x 1" L		2	
7		55210		Bentley/Stellar Angle Adjustable Push Bar - Lower Tube - Tall		2	
8		12456		1/4-20 x 1-1/2" with 1-1/8" Shoulder - Button Head Bolt		2	
9		55780		G2 - Common Upper Frame Assembly		1	
10		12538		5/16"-18 X 3-1/2" Socket Head Cap Screw		2	
11		12238		3/4" OD x 0.17" Wire x 1-3/4" Long - Coil Die Spring		2	

See config

See config

CUS: [13021]

PDG part number	Author	Technical reference	Revised by	Approved by
N/A	Jim Formby	Torr Brown	Vinh Tran	Torr Brown
Title:		File name (Drawing #)		Status
G2 - Bentley/Stellar Back Post Installation		55639		N/A
Third angle projection		Units	Sheet	Date of Issue
		mm	2 of 2	2015 July 08
Tolerances unless otherwise stated:		Revision		
Angular: +/- 1°		0		
Other: x +/-0.8, x.x +/-0.4, x.xx +/-0.15				

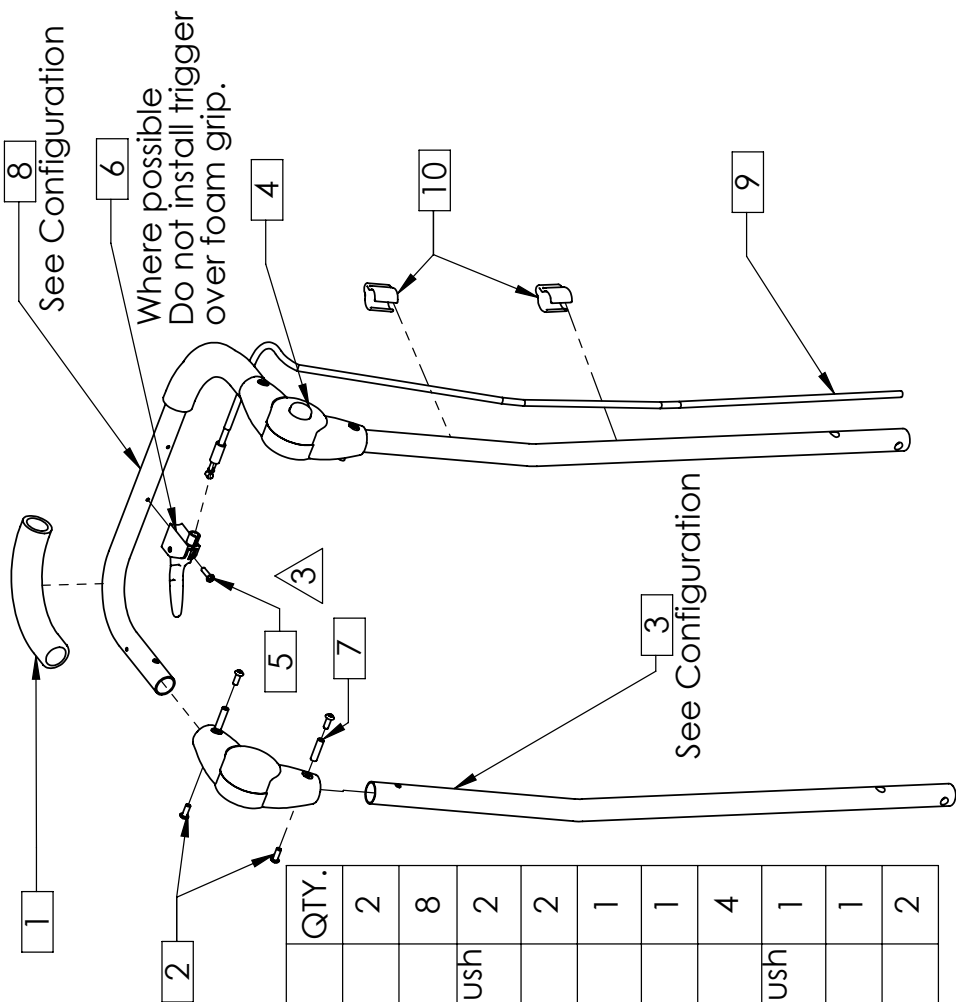
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Dimensioning and Tolerancing Standard ASME Y14.5-2009

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REVISION DESCRIPTION					
2	Mount the angle adjustable hinge's button on inside, use 6.5" foam grip instead of 8" and add note for item 6				MJ
3	Mount the angle adjustable hinge's button on outside				TB

ITEM	NUMBER	DESCRIPTION	QTY.
1	12350	6.5" Foam Grip for Push Bar	2
2	12144	10-32x1/2" Socket Button Head - Black Zinc	8
3	55210	Bentley/Stellar Angle Adjustable Push Bar - Lower Tube	2
4	12069	Angle adjustable hinge	2
5	12068	# 8 x 5/8 self-tapping phillips pan head screw	1
6	12056	Trigger assembly	1
7	12145	1/4" OD x 0.937" Long Standoff for Push Handle	4
8	55013	Bentley/Stellar Angle Adjustable Push Bar - Upper Tube	1
9	12052	Cable - Trigger End	1
10	12386	Cable Clip	2





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Assembly Notes:
Item 1 should be sprayed with hair spray to lubricate.

Description:
Bentley/Stellar Angle Adjustable Back Post Assembly

Drawing #
13022

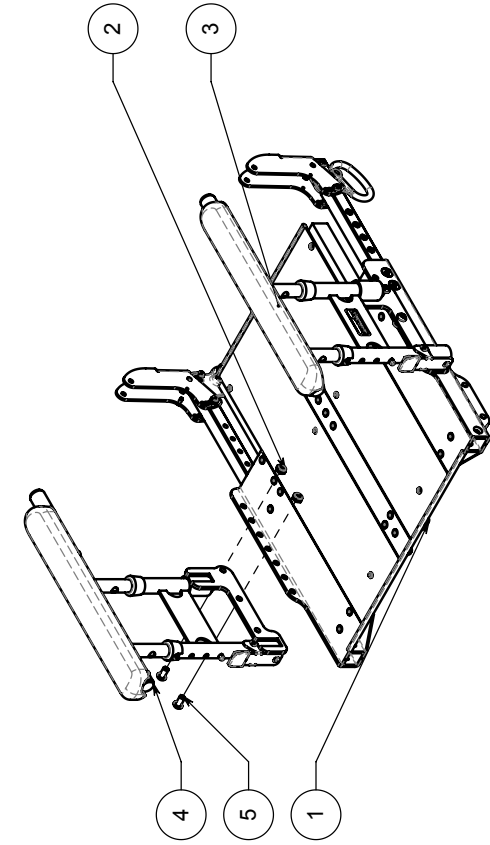
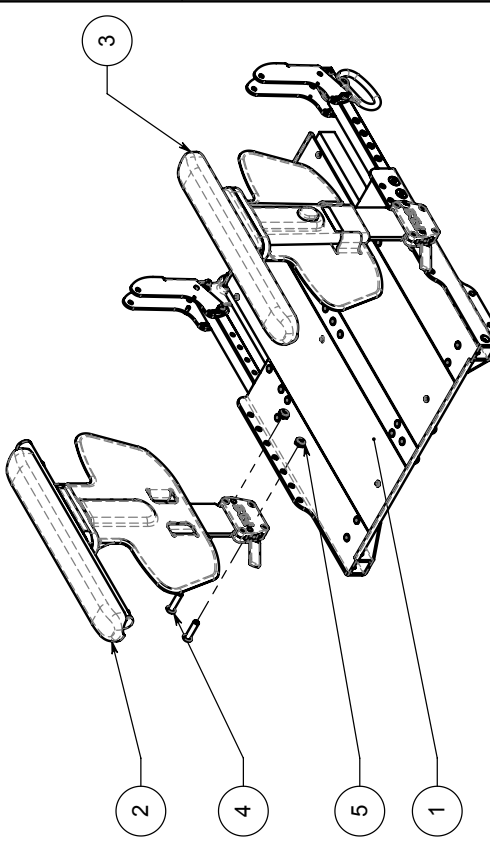
Date of Issue
Aug 5, 2011

Author
JF

Approved
WS

Revision
3

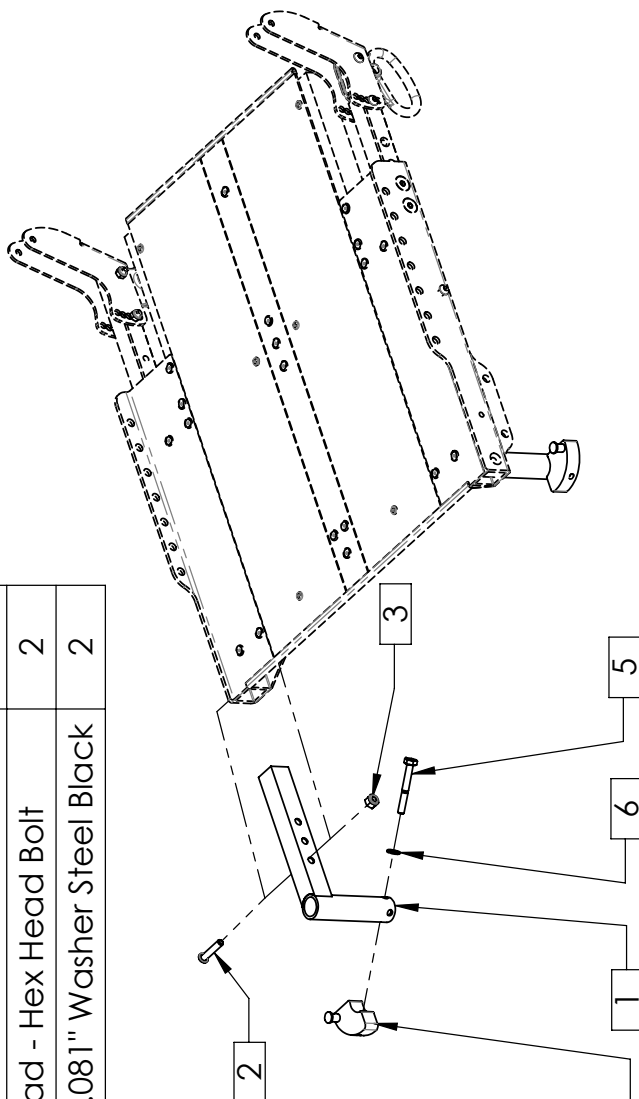
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1	2	3	4	5	6																																																
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">Rev</td> <td style="width:40%;">Revision description</td> <td style="width:10%;">ECO#</td> <td colspan="3"></td> </tr> <tr> <td style="text-align: center;">0</td> <td>Initial Release</td> <td style="text-align: center;">1477</td> <td colspan="3"></td> </tr> </table>						Rev	Revision description	ECO#				0	Initial Release	1477																																							
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Notes: 1. Material: As per detailed part 2. Remove burrs & sharp edges. 3. Finish : As per detailed part CUS: []																																																					
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PDG part number NA	Author Jim Formby	Technical reference Torr Brown	Revised by Jim Formby	Approved by Torr Brown																																																	
Title: Bentley/Stellar/GL G2 - Armrest Attachment Assembly © 2013 The information contained in this drawing is the sole property of PDG Mobility			File name (Drawing #) 55636		Status NA																																																
Tolerances unless otherwise stated: Angular: +/- 1° Other x +/-0.8, x.x +/-0.4, x.xx +/-0.15			Units mm	Sheet 1 of 1	Date of Issue 2015 Jul 08																																																
					Revision 0																																																
Dimensioning and Tolerancing Standard ASME Y14.5-2009																																																					

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1		2		3		4		5		6	
Rev		Revision description								ECO#	
0		Initial Release								1479	

ITEM		DRAWING NUMBER		DESCRIPTION		QTY.	
1		55043		Front Rigging Receiver		2	
2		12002		1/4-20x1-1/4" Socket Button Head - Black Zinc		2	
3		12003		1/4-20 Nylon Locknut - Thick - Black Zinc		2	
4A		68347		Sector Block RH Assembly		1	
4B		68347		Sector Block LH Assembly		1	
5		12118		1/4-20 x 2" x 7/8" Thread - Hex Head Bolt		2	
6		12117		1/4" ID x 1/2" OD x 0.081" Washer Steel Black		2	



CUS: [13026]

PDG part number		Author		Technical reference		Revised by		Approved by	
N/A		Vinh Tran		Jim Formby		Vinh Tran		Torr Brown	
Title:		File name (Drawing #)							
G2 - Bentley/Stellar Front Rigging Adapter Assembly		55637							
Status		N/A							
Revision		0							

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Dimensioning and Tolerancing Standard ASME Y14.5-2009

Tolerances unless otherwise stated:
Angular: +/- 1°
Other: x +/-0.8, x.x +/-0.4, x.xx +/-0.15

Third angle projection

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Rev

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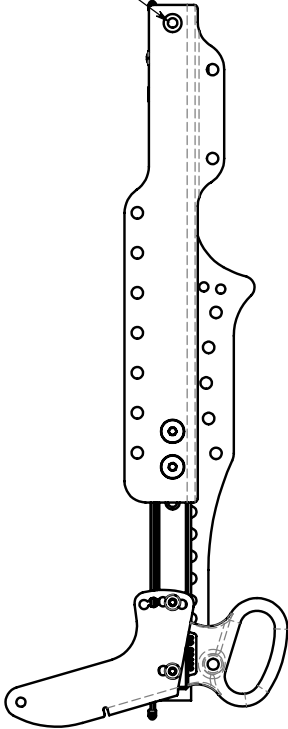
Revision description

Modified for unified upper frame

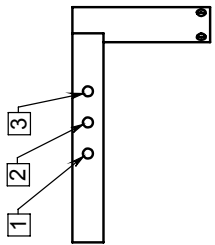
ECO#

1479

Upper Frame Assembly



Swing away front rigging reciever



	Reference Position
Bentley	2
Stellar GL	2
Stellar	3

PDG part number

NA

Author

Caitlin Lukow

Technical reference

Torr Brown

Revised by

Jim Formby

Approved by

Torr Brown

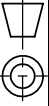
CUS: []



Title:

Bentley/Stellar/Stellar GL - Front Rigging Adapter Set Up Chart

Third angle projection



Units

[mm]

File name (Drawing #)

85045

Status

NA

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Tolerances unless otherwise stated:
Angular: +/- 1°
Other x +/-0.8, x.x +/-0.4, x.xx +/-0.15

Sheet

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Date of Issue

2015 Mar 12

Revision

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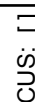
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1

Dimensioning and Tolerancing Standard ASME Y14.5-2009

#ECO#

*Leg length is the distance from the inner knee to the bottom heel

Dimensioning and Tolerancing Standard ASME Y14.5-2009

1	2	3	4	5	6						
Rev	Revision description										
9	Updated to include short front rigging options and information on leg lengths										
PDG Swing-Away Front Rigging											
Seat Height	10.0" *	11.0" *	12.0" *	13.0"	14.0"	15.0"	16.0"	17.0"	18.0"	19.0"	20.0"
Leg Length (Assuming 3" Cushion)**	10.6"	12.4"	13.1"	13.8"	14.6"	15.3"	16.1"	16.8"	17.6"	18.3"	19.1"
Type Front Rigging Extension	Short	Short	Short	Short	Regular	Regular	Long	Long	Long	Long	Long
Position Reference Hole	4 & 7	3 & 6	2 & 5	1 & 4	7 & 11	6 & 10	5 & 9	7 & 11	3 & 7	2 & 6	1 & 5
Ground Clearance at Footplate	3.0	2.4	2.7	3.0	2.3	2.6	2.9	2.2	2.5	2.8	3.1
*Please note is NOT a standard offering											
**Leg length is the distance from the inner knee to the bottom heel											
Front Rigging Hanger 70 deg - Short (90399) Please note this is not a standard offering											
Front Rigging Hanger 70 deg (68261)											
Front Rigging Hanger 70 deg (68261)											
PDG Swing-Away Front Rigging Extension - Short											
PDG Swing-Away Front Rigging Extension - Regular											
PDG Swing-Away Front Rigging Extension - Long											
PDG part number NA											
Author Julie Belanger											
Technical reference NA											
Revised by Keira Lane											
Approved by Torr Brown											
Title: Front Rigging Setup Chart											
Tolerances unless otherwise stated: Angular: +/- 1° Other x +/-0.8, x.x +/-0.4, x.xx +/-0.15											
Units [mm]											
Sheet 2 of 2											
Date of Issue Jun 27 2016											
Status NA											
Revision 9											
Dimensioning and Tolerancing Standard ASME Y14.5-2009											

1		2		3		4		5		6	
Rev		Revision description		ECO#							
0		Initial Release		1479							

ITEM NO.	NUMBER	DESCRIPTION	QTY.
1	12159	Foshan 20"-24" Wheel - Urethane	2
2	12337	1/2-20 x 4" hex head bolt	2
3	12189	1/2-20 (2B) Nylon Locknut - Thin - Black Zinc	2
4	55730*	G2 - Stellar GL Chair Frame Assembly	1

Note: 55730 may be replaced by 55720 (G2 - Bentley Chair Frame Assembly) or 55740 (G2 - Stellar Chair Frame Assembly)

See Chair Configuration

CUS: [13030]

PDG part number N/A	Author Jim Formby	Technical reference Torr Brown	Revised by Vinh Tran	Approved by Torr Brown
Title: G2 - Bentley/Stellar Fixed Rear Wheel		File name (Drawing #) 55638		Status N/A
Third angle projection		Units mm	Sheet 1 of 1	Revision 0
Tolerances unless otherwise stated: Angular: +/- 1° Other: x +/-0.8, x.xx +/-0.15				

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Dimensioning and Tolerancing Standard ASME Y14.5-2009

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1	2	3	4	5	6
Rev	Revision description				ECO#
2	Updated for G2 release				1479

Item	Part Name or Description	Number	QTY
1	5/16" - 18 x1 3/4" Hex Head Bolt	12419	1
2	5/16-18 (2B) Nylon Locknut - Thick - Black Zinc	12010	1
3	B/S Reclining Back - Base - Asm (LH/RH)	55611	1
4	1/4" ID x 1/2" OD x 1/16" Washer Steel Black	12117	1
5	5/16" ID x 1/2" OD x 1/16" Black Nylon Spacer	12512	3
6	5/16" x 3/8" x 1/4-20 Socket Head Shoulder Bolt	12555	1
7	1/4-20 Nylon Locknut - Thick - Black Zinc	12003	1
8	5/16" ID x 1/2" OD x 1/8" Black Nylon Spacer	12227	2
9	5/16"-18 x 1-1/4" Hex Head Bolt	12511	1
10	5/16-18 Nylon Locknut - Thin - Black Zinc	12066	1
11	B/S Reclining Back - Gas Strut and Bracket - Asm (LH/RH)	55969	1

Notes:

1. Left is shown, right is a mirror image.

Note: Items 9 and 10 will be removed and re-fitted for back cane installation

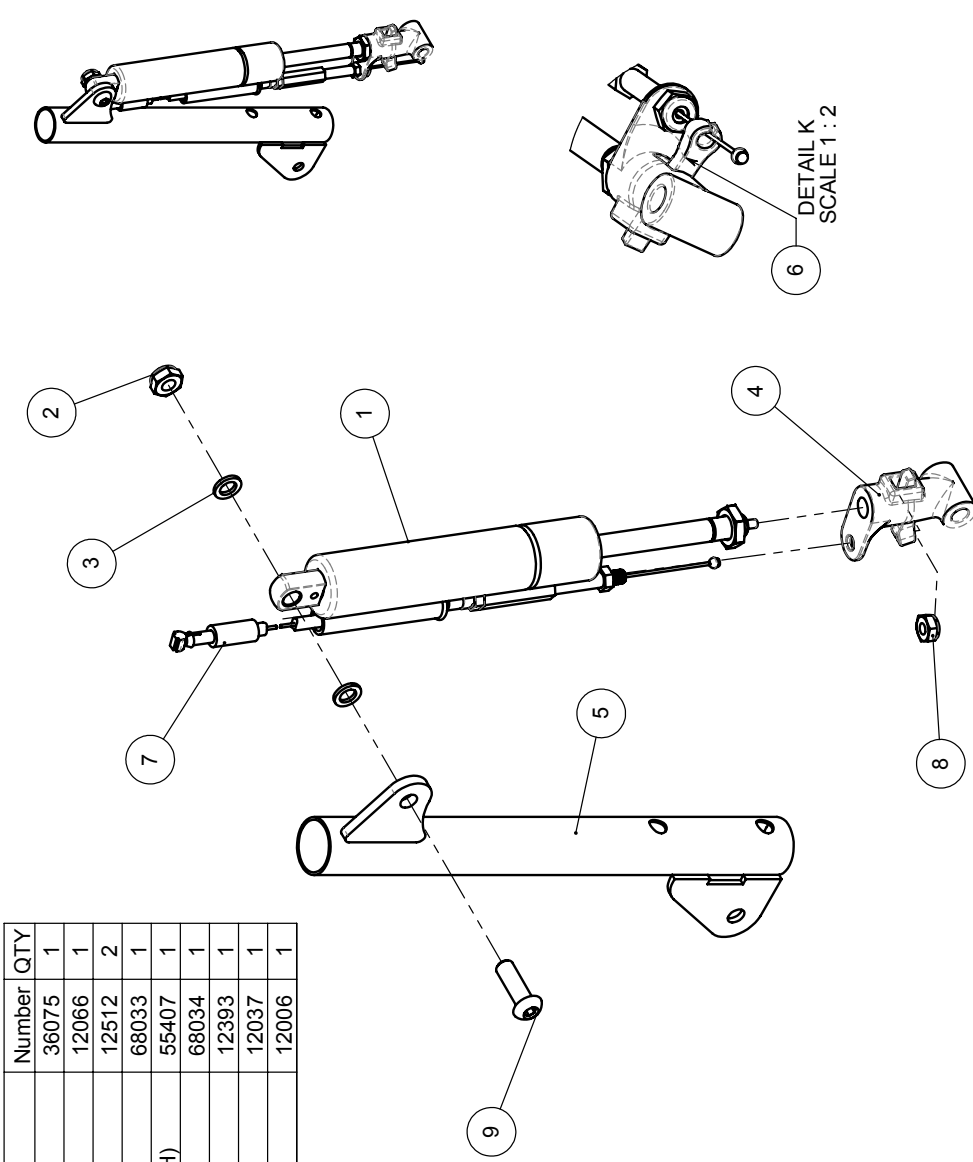
CUS: □

PDG part number	Author	Technical reference	Revised by	Approved by	
NA	AC	Torr Brown	Vinh Tran	Torr Brown	
Title:			File name (Drawing #)	Status	
B/S Reclining Back - Asm (LH/RH)			55610	N/A	
© 2013 The information contained in this drawing is the sole property of PDG Mobility			Sheet	Date of Issue	Revision
			1 of 1	2015 July 08	2
			Units		
			mm		
			Tolerances unless otherwise stated:		
			Angular: +/- 1°		
			Other x +/-0.8, x.xx +/-0.15		

Dimensioning and Tolerancing Standard ASME Y14.5-2009

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Rev	Revision description	ECO#																											
1	Updated for G2 release	1479																											
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Item	Part Name or Description	Number	QTY																										
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3	1/4-20 Nylon Locknut - Thick - Black Zinc	12003	2																										
5	B/S Reclining Back - Lower Recline Plate	55069	1																										
6	G2 - Rear Seat Depth Insert	55788	1																										
Notes: 1. Material: As per detailed part 2. Remove burrs & sharp edges. 3. Finish : As per detailed part 4. Component weight [grams]: 685.01 5. All holes are through unless otherwise specified 6. Dimensional limits apply before coating. 7. Left is shown, right is a mirror image.																													
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N/A	Andrew Chang	Torr Brown	Vinn Tran	Torr Brown	55611	N/A																							
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="4">Title:</th> </tr> <tr> <td>B/S Reclining Back - Base - Asm (L/H/RH)</td> </tr> <tr> <td> © 2013 The information contained in this drawing is the sole property of PDG Mobility Tolerances unless otherwise stated: Angular: +/- 1° Other x +/-0.8, x.xx +/-0.15 </td> </tr> <tr> <td> Units: mm Sheet: 1 of 1 </td> </tr> <tr> <td> Date of Issue: 2015 July 08 Revision: 1 </td> </tr> </table>						Title:				B/S Reclining Back - Base - Asm (L/H/RH)	© 2013 The information contained in this drawing is the sole property of PDG Mobility Tolerances unless otherwise stated: Angular: +/- 1° Other x +/-0.8, x.xx +/-0.15	Units: mm Sheet: 1 of 1	Date of Issue: 2015 July 08 Revision: 1																
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Dimensioning and Tolerancing Standard ASME Y14.5-2009 CUS: []																													

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N/A	Dana Zhu	Torr Brown	N/A	Torr Brown																																															
<table border="1"><thead><tr><th colspan="3">Title:</th><th colspan="2">File name (Drawing #)</th><th>Status</th></tr></thead><tbody><tr><td colspan="3">B/S Reclining Back - Gas Strut and Bracket - Asm (LH/RH)</td><td colspan="2">55969</td><td>-</td></tr><tr><td colspan="3">© 2013 The information contained in this drawing is the sole property of PDG Mobility</td><td colspan="2">Sheet 1 of 1</td><td>Revision 0</td></tr><tr><td colspan="3">Third angle projection</td><td colspan="2">Date of Issue June 24 2014</td><td></td></tr><tr><td colspan="3">Tolerances unless otherwise stated: Angular: +/- 1° Other x +/-0.8, x.xx +/-0.15</td><td colspan="2">Units [mm]</td><td></td></tr></tbody></table>												Title:			File name (Drawing #)		Status	B/S Reclining Back - Gas Strut and Bracket - Asm (LH/RH)			55969		-	© 2013 The information contained in this drawing is the sole property of PDG Mobility			Sheet 1 of 1		Revision 0	Third angle projection			Date of Issue June 24 2014			Tolerances unless otherwise stated: Angular: +/- 1° Other x +/-0.8, x.xx +/-0.15			Units [mm]												
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Dimensioning and Tolerancing Standard ASME Y14.5-2009																																																			

Installation of 30 deg Recline back

- ☐ Order the 30 deg Recline back assembly from PDG for the specific PDG wheelchair. Note that 30 deg Recline back is not compatible for Fuze T20.
- ☐ PDG will give you all the pre-assembled 30 degree reclining back and all the necessary parts to do the retrofit.

Tools required:

- ☐ 5/32" Allen key
- ☐ 7/16" Wrench
- ☐ ¼" Allen key
- ☐ ½" Wrench

Instructions:

1. Remove current backpost assembly
2. Install plate for Bentley or Stellar chairs
3. Install 30 deg recline back assembly to plate and back tube
4. Install the new backpost for 30 deg recline back
5. Install cables

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