

4915 Industrial Way, Coeur d'Alene, ID 83815

E-Mail: 21st@wheelchairs.com  
<http://www.wheelchairs.com>

FAX, PHONE IN OR MAIL COMPLETED FORM TO 21<sup>st</sup> Century SCIENTIFIC Inc.

This is an order! Our PO No: \_\_\_\_\_

This is a Quotation Request Only

<b>Ship To:</b>	<b>Bill To:</b>
Company: _____	Company: _____
Address: _____	Address: _____
City: _____ State: _____ Zip: _____	City: _____ State: _____ Zip: _____
Attention: _____	Attention: _____
Phone: _____ FAX: _____	Phone: _____ FAX: _____

## BOUNDER *Plus* H-FRAME POWER WHEELCHAIR

**User Data:**

Name: \_\_\_\_\_ Ht: ' \_\_\_\_\_ " Wt: \_\_\_\_\_ lb. D.O.B.: \_\_\_\_\_ Disability: \_\_\_\_\_

**Driving Skills:** good fair poor      **Eye-To-Hand Coordination:** good fair poor

**Judgment:** good fair poor      **Equipment Usage:** light typical heavy abusive

**Aggressiveness:** timid typical hot rodder      **Must Operate:** on thick carpets in rain and/or snow on steep hills

**Previous Chair Make & Model:** \_\_\_\_\_

**Other Information:** \_\_\_\_\_

**New Chair Data:**

Seat Width..: \_\_\_\_\_ "      Seat Depth.....: \_\_\_\_\_ "      Seat Height.....: \_\_\_\_\_ "

Back Height: \_\_\_\_\_ "      Max Overall Width: \_\_\_\_\_ "      Max Overall Length: \_\_\_\_\_ "

Desired Top Speed Of New Chair (1-11.6 MPH) \_\_\_\_\_      **Power Seating Needed:** Recline Tilt Elevate Other

**Other Notes:** \_\_\_\_\_

**INSTRUCTIONS FOR FILLING OUT THIS FORM:**

Thank you for choosing 21<sup>st</sup> Century SCIENTIFIC, Inc. Since our products tend to be custom, this order/quote form is very detailed. As you complete this form, you will be specifying each parameter of the equipment to be ordered. Accordingly, be patient and review each section carefully. No charge and standard items are usually located near the top of each section, but not always. Check the standard items as well as the custom options in each section to make sure you have not missed anything. You may FAX this form to 21<sup>st</sup> at (208) 667-6600 for review. A detailed written quote will be faxed back to you. If you need assistance filling out this form (or simply prefer us to do it for you), contact our sales department at (800) 448-3680. There is no charge for our assistance and written quotations.

**This Form Was Completed By:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Phone:** \_\_\_\_\_ **FAX:** \_\_\_\_\_

# BOUNDER Plus H-FRAME POWER WHEELCHAIR

## STANDARD FEATURES

- For users up to 500 lbs (or who are tough on equipment or want more speed)
- 16" to 20" seat widths in 1" increments (12" to 15" available at extra cost)
- Durable H-style TIG welded frame using 2.5"x1.5"x0.125" wall steel
  - Fast! Top speeds up to 11.6 MPH (18.7 kph)
  - Super Torque 3 Motors & Brakes (ST3M&B)
  - Quiet non-slip Panther synchronous gearbelt drive
    - Sliding dual group 27 battery box
- UE1D V66 premium electronics (6 programs with bi-directional select switch)
  - Built in taillights •Battery condition meter
  - Smart brake release switch (for easy attendant pushing)
  - Heavy duty 12 position adjustable suspension forks
- Xtra Duty caster barrels and suspension forks (1" fork stems & bearings ID's)
  - 9"x3.50" metal caster wheels •12.75" x 4.00" steel drive wheels
  - 0.120" wall seat rails and back posts
    - Black powder coated frame
    - Sheet Metal Seat Pan
  - Sling back upholstery attached with machine screws
- Quick adjust clutches (combination belt tensioner and belt release mechanism)
  - Detachable desk length arms •Reinforced arm mounts
  - Anti-tipping wheelie wheels
- Fully automatic 8A Dual Mode charger (charges Gel-Cell and lead acid batteries)
  - Detailed Owner's Manual •Easy to service and maintain

## POPULAR OPTIONS

- Independent drive wheel suspension
- Front Rigging (footrests or legrests, each with many options)
  - Arm options •Headrests
  - 8"x2" metal front wheels
- Power seating systems: recline, tilt, reverse tilt & seat elevator
  - 2 or more power seating systems combined on same chair
  - Dual independent power elevating legrests (DIPLR)
  - Programmer for electronics •Colored (non-black) frame
- UEIE or UEIG electronics (ECU & through-the-joystick proportional control of power seating)
  - Specialty controls (sip & puff, switch controls, head arrays, etc.; DX or ASL)
  - Frame reinforcements •Custom seat depth, seat height, back height, etc.
  - Upholstery and solid seating options
- Hand / chin control customizations & mounting options (many to choose from)
  - Lighting package (it's 24V and bright!) •Electric horn (it's LOUD)
- Electric leg bag emptier (for unattended leg bag draining) •Positioning straps
  - Wheel locks (with or without wheel lock extensions)
  - Extended 3 year warranty

## WARRANTY\*

- TWO year warranty on entire chair
  - 5 year warranty on Super Torque 3 Motor & Brake drive trains\*\*
  - 10 year H-Frame base warranty •5 year H-Frame seat warranty
- \* Limited warranties – some restrictions apply. See complete warranty for more information  
 \*\* Includes motors, brakes, drive wheels, drive wheel sprockets (drive belts, tires, inner tubes, flat-free inserts, motor sprockets & bearings not included)

## TOP SPEED CHART

**SPEEDS ARE APPROXIMATE. ACTUAL SPEEDS CAN VARY BY AS MUCH AS ± 10%.**  
 CODES NOT LISTED ARE EITHER CUSTOM, NOT AVAILABLE OR NOT POSSIBLE.

ST3M&B 12.75"x4.00" REAR WHEELS PANTHER DRIVE	
MOTOR SPROCKET	TOP SPEED
28 Tooth	11.6 MPH (18.7 kph)
26 Tooth	10.8 MPH (17.4 kph)
24 Tooth	10.0 MPH (16.1 kph)
22 Tooth	9.1 MPH (14.6 kph)

### DRIVE TRAIN CONFIGURATION NOTES:

- 1) Generally, configurations with higher top speeds tend to have reduced hill-climbing capability (less torque) and reduced range.
- 2) Do not order drive train configurations with top speeds that exceed the physical or mental capabilities of the driver. Fast chairs are usually not appropriate for children.
- 3) If the motor sprocket size is increased, speed increases, and hill climbing capability decreases.
- 4) The Panther drive systems supplied with BOUNDER Plus H-Frame chairs do not slip in the rain or snow.
- 5) The Panther drive systems supplied with BOUNDER Plus H-Frame chairs are very quiet but can be heard over the motors, and a slight vibration can be felt.
- 6) BOUNDER Plus chairs include ST3M&B. ST3M&B are necessary if you want to be able to go up steep hills and also be able to have top speeds above 8.5 MPH on level surfaces. A top speed of 11.6 MPH is only recommended for users weighing 150 lbs. or less. Select top speeds of 10.8 MPH or less for users up to 250 lbs.; 10.0 MPH or less for users between 250 and 400 lbs., and 9.1 MPH or less for users over 400 lbs.

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IF \* SEE NOTE LISTED BY STOCK NUMBER ON LAST PAGES

Part Number	Stock Qty Number	Part Description	Suggested Retail Price
<b>BASIC MODELS</b>			
BOUNDER Plus			
* BPH PWC W/ ELECT	___B022	BOUNDER Plus H-Frame power wheelchair SEAT & BASE w/ UE1D electronics	\$10,495.00
* BPH PWC NO ELECT	___B022A	BOUNDER Plus H-Frame power wheelchair SEAT & BASE without electronics	\$7,695.00
* BPH PWB W/ ELECT	___B022B	BOUNDER Plus H-Frame power chair BASE only w/ UE1D electronics (requires 21st power seating)	\$8,995.00
* BPH PWB NO ELECT	___B022C	BOUNDER Plus H-Frame power chair BASE only without electronics (requires 21st power seating)	\$6,195.00
<b>CONSTRUCTION OPTIONS</b>			
<b>BASE WIDTH</b>			
STD BASE WIDTH	___B151	Standard base width (25.5" overall width)	Standard
* NAR BASE WIDTH	___B152	Narrow base width (23.5" overall width)	\$400.00
* XNAR BASE WIDTH	___B153	Extra narrow base width (21.5" overall width)	\$600.00
<b>BASE LENGTH</b>			
* SHORT BASE	___B202	Short H-Frame power base	Standard
* LONG BASE	___B203	Long H-Frame power base	\$300.00
* XLONG BASE	___B203X	Xtra Long H-Frame power base	\$500.00
<b>SUSPENSION</b>			
IDWS	___B209	Independent drive wheel suspension	\$1,000.00
<b>* 21st POWER SEATING SYSTEMS</b>			
(many systems can be combined, contact factory for available combinations)			
* PRS 80	___B301A	80 degree power recline system	\$5,000.00
* PRS 40	___B301B	40 degree power recline system	\$5,000.00
* SBPRS 70	___B303A	70 degree sliding back power recline system	\$6,000.00
* SBPRS 40	___B303B	40 degree sliding back power recline system	\$6,000.00
* PTS 50	___B305A	50 degree power tilt system	\$5,000.00
* PTS 30	___B305B	30 degree power tilt system	\$5,000.00
* RPTS 30	___B306A	30 degree reverse power tilt system	\$5,000.00
* PSE2 13	___B308A	Power seat elevator 2 (13" vert rise)	\$5,200.00
* PSE2 8	___B308B	Power seat elevator 2 (8" vert rise)	\$5,200.00
* PSTAND	___B311	Power standing system	\$11,500.00
<b>POWER SEATING HEAVY DUTY UPGRADES &amp; LOCKOUTS</b>			
PS HD	___B361	Power seating system heavy duty upgrade (for 250-400 lbs users) (up charge for each system)	\$1,000.00
* TILT LO	___B371	Power tilt system lockout	\$225.00
* ELEVATE LO	___B373	Power seat elevator lockout	\$225.00
* PSTAND LO	___B374	Power standing system lockout	No Charge
<b>CAPTAIN'S (VAN STYLE) SEATS</b>			
* RECARO ES	___B392	Recaro ES power seating system (incl Ergomed ES seat mfg by RECARO & DX ACC1)	\$4,950.00
* CUS CAPT SEAT	___B393	Custom Captain's (van) seat	Call Factory
<b>BASE COLOR</b>			
BLACK	___B4001	Standard black powder coat	Standard
RED	___B4002	Red powder coat	\$100.00

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BLUE	___B4003	Blue powder coat	\$100.00
DARK GREEN	___B4004	Dark green powder coat	\$100.00
YELLOW	___B4005	Yellow powder coat	\$100.00
LIGHT GRAY	___B4006	Light gray powder coat	\$100.00
WHITE	___B4007	White powder coat	\$100.00
TEAL	___B4008	Teal powder coat	\$100.00
LAVENDER	___B4009	Lavender powder coat	\$100.00
PINK	___B4010	Pink powder coat	\$100.00
* CUS PC	___B4021	Custom powder coat color	\$350.00
* NON-BLACK SAF	___B4046	Paint seat, arms and front rigging same color as rest of chair or gurney	\$300.00
<b>FRAME REINFORCEMENTS</b>			
* SBP	___B4109	Solid back posts	\$800.00
* CBPT	___B4113	Cross strut between backpost handle tips	\$135.00
<b>SEAT DEPTH</b>			
* HF STD SD	___B4421	Std seat depth (short or long base) ___16" ___17" ___18"	Standard
* HF LONG SD	___B4423	Long seat depth (short or long base) ___19" ___20"	\$500.00
HF XLONG SD	___B4425	X-long seat depth (long base only) ___21" ___22" ___23"	\$1,000.00
HF CUS SD	___B4426	H-Frame custom seat depth (long or xlong base) (24" & deeper; specify depth: _____)	\$1,200.00
* HF SHORT SD	___B4427	Short seat depth (short base only) ___12" ___13" ___14" ___15"	\$500.00
<b>SEAT WIDTH</b>			
HF BP STD SW	___B4521P	Standard BOUNDER Plus HF seat width ___16" ___17" ___18" ___19" ___20"	Standard
* HF NAR SW	___B4523	Narrow BOUNDER Plus HF seat width ___12" ___13" ___14" ___15"	\$500.00
<b>* SEAT HEIGHT</b>			
HF STD SH	___B4601H	Standard seat height (21")	Standard
* HF XNAR SH	___B4601N	Standard 20" seat height (no charge, chairs ordered w/ extra narrow base only)	No Charge
* CAPT SH	___B4606	Standard 22" or 24" captain's seat height	No Charge
HF HIGH SH	___B4615	High seat height ___22" ___23" ___24" ___25"	\$500.00
* HF LOW SH	___B4616	Low seat height ___19" ___20"	\$500.00
HF XLOW SH	___B4616X	H-Frame extra low 18" seat height (for chairs w/ extra narrow base only)	\$500.00
* HF CUS SH	___B4619	H-Frame custom seat height (specify height: _____)	Call Factory
<b>FIXED BACK STYLE &amp; HEIGHT</b>			
* HF STD BH	___B4701H	Standard 90 deg back height w/ 7 deg bend ___16" ___18" ___20"	Standard
* HF CUS BH	___B4710	Custom 90 deg back height w/ 7 deg bend ___15" ___17" ___19" ___21" ___22" ___23" ___24"	\$300.00
* HF CUS L BH	___B4710L	Custom low 90 deg back height w/7 deg bend ___12" ___13" ___14" ___15"	\$300.00
* CS945BH	___B4711	Custom straight 94.5 degree backpost height (front mounted uph or solid back)(for SMP BACK or SS ADJ ARM) (specify height: _____)	\$700.00
* CBHASBA	___B4712	Custom back height w/ adj seat-to-back angle (20 deg of adj)(400 lb limit)(specify height: _____) ___90 ___95 ___100 ___105 ___110	\$1,050.00
* CBHWSBA	___B4713	Custom back height w/welded seat-to-back angle (specify height: _____)(specify angle: _____)	\$1,050.00

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* CB&BBH	___B4714	Custom back height and/or back bend height	Call Factory
TILT/RECLINE/STANDING BACK STYLE & HEIGHT			
* STD REC BH	___B4715R	Straight 94.5 deg recline system backpost height ___24"	No Charge
* STD TILT BH	___B4715T	Straight 94.5 deg tilt or standing system backpost height ___18" ___24"	No Charge
* CTRBH	___B4716	Custom tilt, recline or standing system backpost height (specify height: _____)	\$300.00
* CTRSBA	___B4717	Custom tilt and/or recline system seat-to-back angle (specify angle: _____)	\$200.00
CAPTAIN'S BACK HEIGHT			
* STD CAPT BH	___B4731	Standard captain's seat back height ___16" ___18" ___20"	No Charge
* CUS CAPT BH	___B4732	Custom captain's back height (specify height: _____)	\$300.00
HEADRESTS			
* PHR	___B4801	Power headrest	\$2,500.00
* ACPHR	___B4802	Adjustable center post headrest (6" x 12.5" pad)	\$350.00
* RHR	___B4803	10" high removable sling headrest	\$250.00
* CSHR	___B4804	Custom size or style headrest for ACPHR or RHR	Call Factory
* FRONT RIGGING			
* FR70	___B5001	70 deg swingaway footrests	\$230.00
* FR60	___B5002	60 deg swingaway footrests	\$230.00
* FR55	___B5003	55 deg swingaway footrests	\$230.00
* FR90	___B5004	90 deg swingaway footrests	\$350.00
* LRL	___B5005	Low profile elevating legrests	\$350.00
* LRH	___B5007	High profile (gooseneck) elevating legrests	\$350.00
* LRH90	___B50079	90 degree high profile elevating legrests	\$500.00
* DIPLR	___B5008	Dual indep pwr elev legrest mechanisms (actuators, sw box, legrests)	\$2,400.00
ELR PRM	___B5010	Elevating legrest push rod mechanism (links legrests to recline)	\$650.00
* RFR	___B5014	Reinforced footrests (footrests not included)	\$400.00
* RLR	___B5016	Reinforced elevating legrests (LRL or LRH not included)	\$500.00
* OFFSET FR	___B5018	Offset front rigging (specify offset)	\$300.00
* TAPER FR	___B5019	Tapered front rigging (specify taper)	\$400.00
CP ON FR	___B5020	Install calf pads on footrests	\$200.00
* QRL	___B5023	Quad release levers	\$75.00
OFP	___B5031	Oversized footplates (less heel loops)	\$180.00
OFP HL	___B5031H	Oversized footplates w/ heel loops	\$190.00
* WFBPB	___B5032	1-piece wooden foot board, painted	\$125.00
SMFB	___B5032M	1 piece sheet metal foot board, painted	\$160.00
* WFBU	___B5033	1-piece wooden foot board, upholstered w/ pad	\$160.00
* CFB	___B5034	Custom 1-piece foot board	Call Factory
* CUS CM FB	___B5035	Custom center mount, angle adjustable footboard	Call Factory
CUS EACM FB	___B5036E	Custom elevating, articulating center mount footboard	Call Factory
* PSTAND FBKS	___B5036	Power standing system flip up footboard and knee support	No Charge
* FPHL	___B5041	Heel loops	\$40.00
* FPAS	___B5042	Ankle straps	\$70.00
* FPTL	___B5043	Pair of toe loops	\$70.00
SLS	___B5044	Single leg (calf) strap, black w/ velcro	\$40.00
HLS	___B5045	H-type leg (calf) strap, black w/ velcro	\$60.00
STD CALF PADS	___B5046	Std calf pads (Naugahyde only) (only if legrests or CP ON FR ordered)	No Charge
* CALF FLAT	___B5047	Flat calf pads	\$120.00
CALF TROUGH	___B5048	Trough calf pads	\$175.00

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Part Number	Stock Qty Number	Part Description	Suggested Retail Price
CALF CUSTOM	___B5049	Custom calf pads	Call Factory
RCPM	___B5050	Recessed calf pad mounts (specify 1" or 2")	\$200.00
CCPM	___B5051	Custom calf pad mounts	Call Factory
FRPB2	___B5053	Roller wheel bumpers (2.5" dia wheels mounted under footplates)	\$75.00
RFPE	___B5062	Reduced footplate extension and adjustment range	\$400.00
AAFP	___B5072	Angle adjustable front rigging extensions	\$300.00
* FR PED	___B5075	Pediatric front rigging (reduces footplate size and extension adjustment range)	\$400.00
CFR	___B5081	Custom front rigging	Call Factory
HF NFR&NFP	___B5091H	Credit for no front rigging and no front posts	-\$30.00
NFR	___B5092	No front rigging	No Charge
NCP	___B5093	Credit for no calf pads (legrests or CP ON FR only)	-\$10.00
ARMS			
STD DLDA	___B5101	Standard desk length detachable arms	Standard
FLDA	___B5102	Full length detachable arms	\$120.00
DLADA	___B5103	Desk length adj detachable arms	\$210.00
FLADA	___B5105	Full length adj detachable arms	\$210.00
FLIP UP ARMS	___B5107	Add flip up to DLDA, FLDA, DLADA or FLADA	\$300.00
* DL ART ARM	___B5108	Desk length articulating arms	\$450.00
* FL ART ARM	___B5109	Full length articulating arms	\$450.00
* DL SL ARM	___B5110	Desk length sliding arms	\$450.00
* FL SL ARM	___B5111	Full length sliding arms	\$450.00
* DL SS ADJ ARM	___B5112	Desk length self-supporting adj arms	\$500.00
* DL SS ADJ ARM CS	___B5112C	Desk length self-supporting adj arms for captain's seat	\$500.00
* FL SS ADJ ARM	___B5113	Full length self-supporting adj arms	\$500.00
* FL SS ADJ ARM CS	___B5113C	Full length self-supporting adj arm for captain's seat	\$500.00
ARM UPH MOD	___B5113M	Upholstery modesty arm panels for use with SS ADJ ARMS	\$80.00
RECARO FU ARMS	___B5114	Recaro flip up arms (for recaro seats only)	\$500.00
* ONDA	___B5116	Offset non-detachable arms	\$250.00
* INDA	___B5117	Inline non-detachable arms	\$250.00
* PARMs	___B5121	Pediatric arms (lower arm assembly is 3" lower)	\$150.00
* RAT	___B5131	Reinforced arm tips	\$100.00
CAH	___B5132	Custom Arm Height	\$400.00
* CARMS	___B5134	Custom arms	Call Factory
* NARMS	___B5135	Credit for no arms	-\$30.00
ARMREST PADS			
* STD ARMREST PADS	___B5141	Std upholstered armrest pads	Standard
* WATERFALL ARP	___B5142	Waterfall armrest pads	\$75.00
* TROUGH ARP	___B5143	Trough armrest pads	\$220.00
* FLAT ARP	___B5144	Flat armrest pads	\$100.00
* NARROW FLAT ARP	___B5145	Narrow flat armrest pads	\$100.00
CARP	___B5146	Custom armrest pads	Call Factory
* NARP	___B5147	Credit for no armrest pads	-\$6.00
WHEELCHAIR SEATS & SEAT CUSHIONS			
SMP SEAT	___B5205	Flat powder coated sheet metal pan seat	Standard
* HF SD SEAT UPH	___B5206	H-Frame super duty screw-on sling seat upholstery	\$500.00
* SMP SEAT CUSHION	___B5242	Upholstered foam seat cushion (up to 3"; specify thickness: _____)	\$200.00
* SPEC SEAT FOAM	___B5262	Special seat foam (Pudgee, Sunmate, etc.) (for each 1/2" of thickness)	\$100.00
CSSC	___B5263	Custom seat or seat cushion	Call Factory

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<b>NO SEAT</b>	___B5271	No seat attached to seat rails	<b>No Charge</b>
<b>WHEELCHAIR BACKS &amp; BACK CUSHIONS</b>			
* SD BACK UPH NC	___B5303N	BOUNDER Plus & Big BOUNDER super duty screw-on sling back upholstery N/C	Standard
* FCWB ADJ	___B5324	Foam covered wood back with adjustable brackets, 1" thick foam	\$300.00
* FCWB CURVED ADJ	___B5325	Foam covered curved wood back with adjustable brackets, 1" thick foam	\$500.00
SMPB FLAT	___B5331	Flat powder coated sheet metal pan back	\$200.00
* SMPB CURVED	___B5332	Curved powder coated sheet metal pan back	\$300.00
SMPB CURVED ADJ	___B5333	Curved sheet metal pan back w/ adj brackets	\$400.00
* SMP BACK CUSHION	___B5342	Upholstered foam back cushion (up to 3"; specify thickness: ___)	\$200.00
* SPEC BACK FOAM	___B5362	Special back foam (Pudgee, Sunmate, etc.) (for each 1/2" of thickness)	\$100.00
CBBC	___B5363	Custom back or back cushion	Call Factory
SB MOD FLAP	___B5369	Modesty flap, velcros between seat and back upholstery	\$75.00
NO BACK	___B5371	No back attached to backposts	<b>No Charge</b>
<b>* UPHOLSTERY COLOR</b>			
STD BLACK NAUG	___B5401	Standard black Naugahyde upholstery	Standard
DARK BLUE NAUG	___B5402	Dark blue Naugahyde upholstery	No Charge
BURGUNDY NAUG	___B5403	Burgundy Naugahyde upholstery	No Charge
DOVE GRAY NAUG	___B5404	Dove gray Naugahyde upholstery	No Charge
BLACK FAB	___B5431	Black fabric upholstery	No Charge
RED FAB	___B5432	Red fabric upholstery	No Charge
TAN FAB	___B5433	Tan fabric upholstery	No Charge
CAMO FAB	___B5434	Camouflage fabric upholstery	No Charge
CUS UPH	___B5451	Custom upholstery	Call Factory
<b>CONTROL BOXES &amp; REMOTE DISPLAY</b>			
STD RHC	___B6001	Standard right hand control	Standard
LHC	___B6002	Left hand control	No Charge
* RD	___B6011	Remote Display separate from joystick & switches	\$450.00
* CB KEY LOCK	___B6012	Add key switch at front of hand control	\$150.00
* CB CHIN BIB	___B6023R	Bib mounted chin control	\$1,000.00
* CB CHIN FRONT	___B6027	Chin control with front facing switches	\$1,000.00
* ACDC	___B6029	Attendant control / dual control	\$1,200.00
* AC ONLY	___B6031	Attendant control only (no driver control)	\$600.00
* CB JRP	___B6039	Joystick retention plate	\$200.00
* CUS CB	___B6041	Custom hand, foot, head or chin control	Call Factory
<b>HAND &amp; CHIN CONTROL MOUNTS &amp; EXTENSIONS</b>			
* STD HC MOUNT	___B6111	Standard hand control mount	Standard
STD HC EXT	___B6112	Standard hand control extension slide	Standard
* SA EXT	___B6115	Swingaway hand control extension slide	\$400.00
* MIDLINE HC EXT	___B6116	Midline hand control extension slide	\$350.00
* CC MOUNT	___B6121	Chin control mount	\$400.00
* POWER CC MOUNT	___B6122	Power chin control mount	\$1,200.00
* CC BIB MOUNT	___B6131	Chin control bib mount	\$500.00
CUS CTRL MOUNT	___B6171	Custom control mount	Call Factory
* CUS EXT SLIDE	___B6172	Custom extension slide	Call Factory
<b>DRIVE MODULES</b>			
<u>UE1D Premium 6-Program Wheelchair Electronics &amp; Options</u>			
* UE1D V66P	___B6241	UE1D V66P electronics	\$2,800.00
* UE1D V66N	___B6242	UE1D V66N electronics	\$3,000.00
* UE1D V66N ESS	___B6242S	UE1D V66N with emerg stop switch	\$3,100.00

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Part Number	Stock Qty Number	Part Description	Suggested Retail Price
<u>UE1E Premium 6-Program PSS/ECU Wheelchair Electronics &amp; Options</u>			
* UE1E V66P	___B6271	UE1E V66P electronics (for joystick control of power seating systems)	\$4,350.00
* UE1E V66N	___B6272	UE1E V66N electronics	\$4,550.00
* UE1E V66N ESS	___B6272S	UE1E V66N with emerg stop switch	\$4,650.00
NO PSS RLY BOX	___B6273C	Credit for no UE1E relay box	\$-500.00
* UE1E RB SEP REC SW	___B6274	Add separate recline switch in addition to joystick control of power seating	\$400.00
* UE1E RB SEP TILT SW	___B6275	Add separate tilt switch in addition to joystick control of power seating	\$400.00
* UE1E PRGMR	___B6279	UE1E programmer	\$500.00
<u>UE1G Premium 6-Program Wheelchair Electronics &amp; Options</u>			
* UE1G V14	___B6291	UE1G V14 electronics	\$2,800.00
UE1G PSSV	___B6293	UE1G variable speed power seating system module	\$1,350.00
UE1G BRS	___B6296B	UE1G brake release switch	\$125.00
UE1G ESSS	___B6296E	UE1G emergency stop and select switch	\$125.00
UE1G RPS	___B6296P	UE1G remote power switch	\$125.00
UE1G AUX SW	___B6298	UE1G auxiliary switch (specify function)	\$125.00
UE1G PRGMR	___B6299	UE1G plug-in programmer	\$500.00
* DX Programmable Electronics			call factory
ASL (Adaptive Switch Labs) Wheelchair Control Systems			call factory
PG DRIVES Programmable Electronics			call factory
<b>DRIVE MODULE MOUNTS</b>			
* USM HF	___B6702	Drive module mounted under H-Frame wheelchair seat	Standard
BACK MOUNT HF	___B6703H	Drive module mounted on back of H-Frame chair	\$200.00
* OBBM HF	___B6706	Drive module mounted over H-Frame battery box	No Charge
CUS DM MNT	___B6711	Custom drive module mount	Call Factory
<b>RESPIRATOR &amp; OXYGEN BOTTLE MOUNTS</b>			
* RESP SHELF	___B6801	Fixed position respirator shelf	\$400.00
* RESP GIMBAL SHELF	___B6803	Gimbal mounted respirator shelf	\$1,200.00
* RESP BBOX U1	___B6811	Single U1 battery box mounted on shelf (specify location; for respirators)	\$400.00
RESP BAU1 GEL-CELL	___B6812	Respirator U1 gel-cell battery	\$170.00
RESP BC12-6	___B6813	Respirator 12.6V auto charger	\$250.00
SE O2 BOT HLD	___B6901	Single E size oxygen bottle holder	\$550.00
DE O2 BOT HLD	___B6902	Dual E size oxygen bottle holder	\$750.00
TE O2 BOT HLD	___B6902T	Triple E size oxygen bottle holder	\$950.00
<b>MOTORS &amp; BRAKES</b>			
* ST3M&B NC	___B7003N	BOUNDER Plus & Big BOUNDER super torque 3 motors & brakes N/C	Standard
* ST1SM&B NC	___B7006N	Super torque 1S motors & brakes N/C (for extra narrow base only)	No Charge
<b>DRIVE WHEEL OPTIONS</b>			
* DW 13M SMOOTH	___B7054	12.75"x4.00" metal drive wheels w/ smooth tires	Standard
* DW 13M KNOBBY	___B7055	12.75"x4.00" metal drive wheels w/ knobby tires	No Charge
STD DT&T	___B7071	Thorn resist inner tubes & gray tires	Standard
DWI HD	___B7073	High density airless drive wheel inserts	\$170.00
<b>PANTHER DRIVES (Slower speeds can be programmed through the electronics)</b>			
FSP	___B7352	Factory to select best Panther drive	No Charge
* P28H	___B7358H	11.6 MPH 28 tooth motor Panther sprockets	No Charge
* P26H	___B7359H	10.8 MPH 26 tooth motor Panther sprockets	No Charge

# BOUNDER Plus H-FRAME POWER WHEELCHAIR

21st Century SCIENTIFIC, Inc. (800) 448-3680 (208) 667-8800 FAX (208) 667-6600

e-mail: 21st@wheelchairs.com www.wheelchairs.com

IF \* SEE NOTE LISTED BY STOCK NUMBER ON LAST PAGES

Part Number	Stock Qty Number	Part Description	Suggested Retail Price
* P24H	___ B7360H	10.0 MPH 24 tooth motor Panther sprockets	No Charge
P22H	___ B7361H	9.1 MPH 22 tooth motor Panther sprockets	Standard
<b>CASTER WHEEL &amp; FORK OPTIONS</b>			
XDCBF 9X3.50M	___ B7441X	9"x3.50" Xtra duty caster barrels, suspension forks & metal casters	Standard
XDCBF 8X2M	___ B7442X	8"x2.00" Xtra duty caster barrels, suspension forks & metal casters	\$150.00
STD CT&T	___ B7481	Standard full pneumatic caster tubes & gray tires	Standard
FFCW HD	___ B7483	High density flat-free gray caster tires	\$150.00
<b>VEHICLE TIEDOWNS</b>			
* TD DSI	___ B7602	Weld in Driving Systems tiedown bar	\$500.00
4P TD	___ B7604	4 Point wheelchair tiedown for unoccupied wheelchair	\$400.00
<b>BATTERY BOXES</b>			
STD BBOXD27	___ B7701	Standard dual group 27 sliding battery box	Standard
* BBOXD24	___ B7713	Dual group 24 sliding battery box	\$200.00
* BBOXD22NF	___ B7715	Dual group 22NF battery box	\$300.00
<b>BATTERIES</b>			
BA27 GEL-CELL	___ B7802	Pair, group 27 gel-cell batteries	\$700.00
BA24 GEL-CELL	___ B7804	Pair, group 24 gel-cell batteries	\$550.00
BA22NF GEL-CELL	___ B7806	Pair, group 22NF gel-cell batteries	\$420.00
<b>* BATTERY CHARGERS</b>			
STD BCDM8	___ B7903	Dual mode 8A Lester auto charger	Standard
* BCDM12	___ B7904	Dual mode 12A Lester auto charger	\$200.00
* BCDM12W	___ B7908	Dual mode 12A Lester world-wide auto charger	\$200.00
* NBC	___ B7911	Credit for no battery charger	\$-75.00
<b>ACCESSORIES</b>			
HF LP	___ B8006	Headlamp & switch for all H-Frames	\$300.00
* HL2	___ B8007	2nd headlamp	\$84.00
* HORN	___ B8021	24V electric horn	\$250.00
* LB2	___ B8032	Electric leg bag emptier 2	\$550.00
* FAN	___ B8041	Fan with hi-off-lo speed control	\$250.00
* SSAI	___ B8045	Specialty switch accessory interface	\$500.00
* 24/12PC	___ B8046	24V to 12V power converter	\$500.00
DRINK HLDR	___ B8073	Drink holder	\$100.00
* MIRROR	___ B8091	Rear view mirror	\$80.00
WL HF	___ B8102	Wheel locks on H-frame power chair	\$200.00
WLE	___ B8105	Wheel lock extensions (pair)	\$50.00
<b>* SEAT POSITIONING STRAPS (Do not use as seat belts in vehicles)</b>			
PS FLIP LATCH S	___ B8201	60" flip latch seat mount positioning strap	\$50.00
PS PUSH BUTTON S	___ B8202	60" push button seat mount positioning strap	\$50.00
PS PINCH BUCKLE S	___ B8203	60" pinch buckle seat mount positioning strap	\$50.00
PS VELCRO S	___ B8204	60" velcro closure seat mount positioning strap	\$50.00
* PS CUS S	___ B8211	Custom seat mount positioning strap (specify buckle type and length)	\$100.00
<b>CHEST POSITIONING STRAPS (Do not use as seat belts in vehicles)</b>			
PS FLIP LATCH C	___ B8251	60" flip latch chest mount positioning strap	\$100.00
PS PUSH BUTTON C	___ B8252	60" push button chest mount positioning strap	\$100.00
PS PINCH BUCKLE C	___ B8253	60" pinch buckle chest mount positioning strap	\$100.00
PS VELCRO C	___ B8454	60" velcro closure chest mount positioning strap	\$100.00
PS CUS C	___ B8261	Custom chest mount positioning strap (specify buckle type and length)	\$150.00

IF \* SEE NOTE LISTED BY STOCK NUMBER ON LAST PAGES

Part Number	Stock Qty Number	Part Description	Suggested Retail Price
<b>WARRANTIES AND SPECIAL SERVICE OPTIONS</b>			
<b>STANDARD WARRANTIES</b>			
* BP HF PWC WAR	___ B9022	BOUNDER Plus H-frame power wheelchair standard warranty	Standard
<b>EXTENDED WARRANTIES</b>			
EL3 EWAR	___ B9102	Extend UE1 Series electronics warranty to 3 years	\$500.00
BP PC3 EWAR	___ B9203	Extend BOUNDER Plus entire power chair warranty to 3 years	\$1,000.00
<b>SPECIAL SERVICE OPTIONS</b>			
* EBO	___ B9301	Emergency Build Order	Call Factory
* EEC	___ B9302	Engineering and evaluation charge	Call Factory

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Stk# Note

## BASIC MODELS

### BOUNDER Plus

**B022** BPH PWC W/ ELECT. BOUNDER PLUS H-FRAME POWER WHEELCHAIR SEAT & BASE W/ UE1D ELECTRONICS. THIS IS A COMPLETE CHAIR. 16", 17", 18", 19" AND 20" WIDE. 12" - 15" WIDE AVAILABLE AT EXTRA COST. FOR WIDER WIDTHS, ORDER A BIG BOUNDER. PRICE INCLUDES UE1D ELECTRONICS. TO UPGRADE ELECTRONICS, USE B022A SEAT AND BASE WITHOUT ELECTRONICS OR B022C BASE ONLY WITHOUT ELECTRONICS. IF POWER SEATING SYSTEMS ARE REQUIRED, ORDER B022B BASE ONLY WITH UE1D ELECTRONICS OR B022C BASE ONLY WITHOUT ELECTRONICS.

**B022A** BPH PWC NO ELECT. BOUNDER PLUS H-FRAME POWER WHEELCHAIR SEAT & BASE WITHOUT ELECTRONICS. THIS IS A COMPLETE CHAIR WITHOUT ELECTRONICS. FOR USE WHEN UPGRADING WHEELCHAIR ELECTRONICS FROM THE STANDARD UE1D TO EITHER UE1E, DX OR PG DRIVES ELECTRONICS. IF POWER SEATING SYSTEMS ARE REQUIRED, ORDER B022C BASE ONLY WITHOUT ELECTRONICS. CHAIR MUST BE ORDERED WITH A COMPLETE SET OF ELECTRONICS.

**B022B** BPH PWB W/ ELECT. BOUNDER PLUS H-FRAME POWER CHAIR BASE ONLY W/ UE1D ELECTRONICS (REQUIRES 21ST POWER SEATING). FOR USE WITH 21ST POWER RECLINE, TILT, REVERSE TILT, ELEVATE, OR POWER ELEVATING LEGRESTS ONLY. NOT AVAILABLE FOR USE WITH OTHER SEATING SYSTEMS. PRICE INCLUDES UE1D ELECTRONICS. FOR SEAT WIDTHS OF 21" AND WIDER, ORDER A BIG BOUNDER.

**B022C** BPH PWB NO ELECT. BOUNDER PLUS H-FRAME POWER CHAIR BASE ONLY WITHOUT ELECTRONICS (REQUIRES 21ST POWER SEATING). FOR USE WHEN UPGRADING WHEELCHAIR ELECTRONICS FROM THE STANDARD UE1D TO EITHER UE1E, DX OR PG DRIVES ELECTRONICS. REQUIRES 21ST POWER RECLINE, TILT, REVERSE TILT, ELEVATE, OR POWER ELEVATING LEGRESTS BE INSTALLED. NOT AVAILABLE FOR USE WITH OTHER SEATING SYSTEMS. CHAIR MUST BE ORDERED WITH A COMPLETE SET OF ELECTRONICS.

## CONSTRUCTION OPTIONS

### BASE WIDTH

**B152** NAR BASE WIDTH. NARROW BASE WIDTH (23.5" OVERALL WIDTH). REQUIRES DUAL GROUP 24 SLIDING BATTERY BOX. SEAT WIDTHS FROM 12" TO 18", SEAT DEPTHS FROM 12" TO 18", BACK HEIGHTS FROM 12" TO 20" NO ADDITIONAL CHARGE. SOME RESTRICTIONS APPLY, CONTACT FACTORY FOR MORE INFORMATION.

**B153** XNAR BASE WIDTH. EXTRA NARROW BASE WIDTH (21.5" OVERALL WIDTH). REQUIRES DUAL GROUP 22NF BATTERY BOX AND ST1S MOTORS AND BRAKES WITH 22 TOOTH PANTHER SPROCKETS. SEAT WIDTHS FROM 12" TO 18", SEAT DEPTHS FROM 12" TO 18", BACK HEIGHT FROM 12" TO 20", NO CHARGE. STANDARD SEAT HEIGHT IS 20". 9"X3.50" FRONT CASTERS ARE NOT AVAILBLE, 8"X2" FRONT CASTERS ARE NO CHARGE. SOME RESTRICTIONS APPLY, CONTACT FACTORY FOR MORE INFORMATION.

### BASE LENGTH

**B202** SHORT BASE. SHORT H-FRAME POWER BASE. STANDARD FOR MOST CHAIRS FOR SEAT DEPTHS UP TO 19". SEAT DEPTHS FROM 16" TO 20" CAN NORMALLY BE INSTALLED. A 15" DEEP SEAT PAN CAN ALSO BE INSTALLED. CHAIRS THAT HAVE BOTH A POWER SEAT ELEVATOR AND A POWER TILT SYSTEM REQUIRE A LONG WHEELBASE. THE LONG BASE FRAME IS 3" LONGER THAN THE SHORT BASE. IF SEAT DEPTHS OF 17" OR 16" ARE NEEDED ON A LONG BASE, THE SEAT MUST BE POSITIONED FURTHER FORWARD OF THE REAR WHEELS BY 1" OR 2", RESPECTIVELY. THIS WILL REDUCE MANEUVERABILITY AND INCREASE POWER CONSUMPTION. CONTACT THE FACTORY FOR MORE INFORMATION.

**B203** LONG BASE. LONG H-FRAME POWER BASE. STANDARD FOR ALL SEAT DEPTHS 20" AND UP. SEAT DEPTHS FROM 19" TO 23" CAN NORMALLY BE INSTALLED. AN 18" DEEP SEAT PAN CAN ALSO BE INSTALLED. CHAIRS THAT HAVE BOTH A POWER SEAT ELEVATOR AND A POWER TILT SYSTEM REQUIRE A LONG WHEELBASE. THE LONG BASE FRAME IS 3" LONGER THAN THE SHORT BASE. IF SEAT DEPTHS OF 17" OR 16" ARE NEEDED ON A LONG BASE, THE SEAT MUST BE POSITIONED FURTHER FORWARD OF THE REAR WHEELS BY 1" OR 2", RESPECTIVELY. THIS WILL REDUCE MANEUVERABILITY AND INCREASE POWER CONSUMPTION. CONTACT THE FACTORY FOR MORE INFORMATION.

**B203X** XLONG BASE. XTRA LONG H-FRAME POWER BASE. 6" LONGER THAN THE SHORT BASE. FOR USE WITH POWER CHAIR SEAT DEPTHS GREATER THEN 23" AND GURNEY MATTRESS PAN LENGHTS GREATER THEN 54".

### SUSPENSION

#### 21st POWER SEATING SYSTEMS

(many systems can be combined, contact factory for available combinations)

**B301A** PRS 80. 80 DEGREE POWER RECLINE SYSTEM. CONVENTIONAL FRAME CHAIRS HAVE THE ACTUATOR MOUNTED UNDER THE SEAT. H-FRAME CHAIRS HAVE A BACK MOUNTED ACTUATOR. NON SLIDING BACK; FOR USE WITH POWER LEGRESTS, LEGRESTS W/ PUSHRODS, MANUALLY OPERATED LEGRESTS, FOOTRESTS, AND CHAIRS WITHOUT FRONT RIGGING. INCLUDES CHOICE OF ARMS (DLDA, DLADA, FLDA OR FLADA).

**B301B** PRS 40. 40 DEGREE POWER RECLINE SYSTEM. CONVENTIONAL FRAME CHAIRS HAVE THE ACTUATOR MOUNTED UNDER THE SEAT. H-FRAME CHAIRS HAVE A BACK MOUNTED ACTUATOR. NON SLIDING BACK; FOR USE WITH POWER LEGRESTS, LEGRESTS WITH PUSHRODS, MANUALLY OPERATED LEGRESTS, FOOTRESTS, AND CHAIRS WITHOUT FRONT RIGGING. USE FOR PATIENTS OVER 300 LB, COMBINATION SEATING SYSTEMS AND WHEN REQUIRED BY 21ST. INCLUDES CHOICE OF ARMS (DLDA, DLADA, FLDA & FLADA).

**B303A** SBPRS 70. 70 DEGREE SLIDING BACK POWER RECLINE SYSTEM. CONVENTIONAL FRAME CHAIRS HAVE THE ACTUATOR MOUNTED UNDER THE SEAT. H-FRAME CHAIRS HAVE A BACK MOUNTED ACTUATOR. THE BACK SLIDES DOWN WHEN RECLINED TO REDUCE SHEAR. FOR USE WITH POWER LEGRESTS, LEGRESTS W/ PUSH RODS, MANUALLY OPERATED LEGRESTS, FOOTRESTS, AND CHAIRS WITHOUT FRONT RIGGING. INCLUDES CHOICE OF ARMS (DLDA, DLADA, FLDA & FLADA).

Stk# Note

**B303B** SBPRS 40. 40 DEGREE SLIDING BACK POWER RECLINE SYSTEM. CONVENTIONAL FRAME CHAIRS HAVE THE ACTUATOR MOUNTED UNDER THE SEAT. H-FRAME CHAIRS HAVE A BACK MOUNTED ACTUATOR. THE BACK SLIDES DOWN WHEN RECLINED TO REDUCE SHEAR. FOR USE WITH POWER LEGRESTS, LEGRESTS WITH PUSH RODS, MANUALLY OPERATED LEGRESTS, FOOTRESTS, AND CHAIRS WITHOUT FRONT RIGGING. USE FOR PATIENTS OVER 300 LB, COMBINATION SEATING SYSTEMS AND WHEN REQUIRED BY 21ST. INCLUDES CHOICE OF ARMS (DLDA, DLADA, FLDA & FLADA).

**B305A** PTS 50. 50 DEGREE POWER TILT SYSTEM. FOR USE WITH POWER LEGRESTS, MANUALLY OPERATED LEGRESTS, FOOTRESTS, AND CHAIRS WITHOUT FRONT RIGGING. INCLUDES CHOICE OF ARMS (DLDA, DLADA, FLDA OR FLADA).

**B305B** PTS 30. 30 DEGREE POWER TILT SYSTEM. FOR USE WITH POWER LEGRESTS, MANUALLY OPERATED LEGRESTS, FOOTRESTS, AND CHAIRS WITHOUT FRONT RIGGING. USE FOR PATIENTS OVER 300 LB, COMBINATION SEATING SYSTEMS AND WHEN REQUIRED BY 21ST. INCLUDES CHOICE OF ARMS (DLDA, DLADA, FLDA OR FLADA).

**B306A** RPTS 30. 30 DEGREE REVERSE POWER TILT SYSTEM. REAR OF SEAT TILTS UPWARD 30 DEGREES SO USER CAN MORE EASILY TRANSFER INTO AND OUT OF CHAIR. FRONT RIGGING ATTACHES TO FRONT POSTS WELDED TO BASE. FOR USE WITH MANUALLY OPERATED LEGRESTS, FOOTRESTS AND CHAIRS WITHOUT FRONT RIGGING.

**B308A** PSE2 13. POWER SEAT ELEVATOR 2 (13" VERT RISE). SEAT AND BACK RAISE TOGETHER A TOTAL OF UP TO ABOUT 13 INCHES. 250 LB MAXIMUM USER WEIGHT. THE MINIMUM SEAT HEIGHT IS 21". CONTACT THE FACTORY FOR ADDITIONAL INFORMATION.

**B308B** PSE2 8. POWER SEAT ELEVATOR 2 (8" VERT RISE). SEAT AND BACK RAISE TOGETHER A TOTAL OF UP TO ABOUT 8 INCHES. FOR USERS WEIGHING 250 - 500 LB. THE MINIMUM SEAT HEIGHT IS 21". CONTACT THE FACTORY FOR ADDITIONAL INFORMATION.

**B311** PSTAND. POWER STANDING SYSTEM. SEAT AND BACK ARTICULATE TO PLACE USER IN A STANDING POSITION. USER CAN DRIVE AT SLOW SPEEDS IN STANDING POSITION ON LEVEL SURFACES ONLY. INCLUDES PSTAND LO, PSTAND FBKS AND CHOICE OF DL SS ADJ ARM OR FL SS ADJ ARM AT NO CHARGE. DRIVE MODULE MOUNTED OVER THE BATTERY BOX (OBBBM HF) AND CHEST MOUNT POSITIONING STRAP IS REQUIRED. USERS UP TO 200 LB, MAY DRIVE IN THE STANDING POSITION. USERS BETWEEN 200 LB AND 250 LB MAY REQUIRE A LONG BASE, DRIVE LOCKOUT WHEN STANDING OR MAY NOT BE ABLE TO STAND COMPLETELY, CONTACT FACTORY FOR RESTRICTIONS.

### POWER SEATING HEAVY DUTY UPGRADES & LOCKOUTS

**B371** TILT LO. POWER TILT SYSTEM LOCKOUT. TO COMPLETELY STOP CHAIR ORDER THIS ITEM ONLY. FOR REDUCED SPEED DRIVE LOCKOUT (SLOW OR MEDIUM) ORDER UE1D V66N OR UE1E V66N ELECTRONICS ALSO.

**B373** ELEVATE LO. POWER SEAT ELEVATOR LOCKOUT. TO COMPLETELY STOP CHAIR ORDER THIS ITEM ONLY. FOR REDUCED SPEED DRIVE LOCKOUT (SLOW OR MEDIUM) ORDER UE1D V66N OR UE1E V66N ELECTRONICS ALSO.

**B374** PSTAND LO. POWER STANDING SYSTEM LOCKOUT. TO COMPLETELY STOP CHAIR ORDER THIS ITEM ONLY. PSTAND LO IS NO CHARGE WITH POWER STANDING SYSTEM. FOR REDUCED SPEED DRIVE LOCKOUT (SLOW OR MEDIUM) ORDER UE1D V66N OR UE1E V66N ELECTRONICS ALSO.

### CAPTAIN'S (VAN STYLE) SEATS

**B392** RECARO ES. RECARO ES POWER SEATING SYSTEM (INCL ERGOMED ES SEAT MFG BY RECARO & DX ACC1). RECARO ERGOMED ES STANDARD FEATURES INCLUDE: 1) FULLY PADDED HEADREST WITH HEIGHT AND TILT ADJUSTMENT, 2) ELECTRIC RECLINE ADJUSTMENT, 3) SEAT BACK RELEASE ON BOTH SIDES, 4) STEEL SHELL CONSTRUCTION SEAT FRAME, 5) ADJUSTABLE BACKREST SIDE BOLSTERS, 6) BACKREST POCKET, 7) ELECTRIC DOUBLE CHAMBER RECARO AIRMATIC FOR LUMBAR SUPPORT, 8) ELECTRIC HEIGHT ADJUSTMENT, 9) ELECTRIC TILT ADJUSTMENT, 10) EXTENDABLE SEAT CUSHION, 11) ILLUMINATED CONTROLS, INTEGRATED INTO SEAT 12) CLIMATE CONTROL PACKAGE (RECARO VENT SYSTEM WITH SEAT CUSHION AND BACKREST HEATING)(INCLUDES DX-ACC1 24V TO 12V POWER SUPPLY) 13) ONLY AVAILABLE IN BLACK CLOTH UPHOLSTERY. CAN BE COMBINED WITH PSE2 OR PTS, AS WELL AS DIPLR (DUAL INDEPENDENT POWER ELEVATING LEGRESTS) ON SOME CHAIRS.

PRICE INCLUDES INSTALLATION ON A SPECIAL CONVENTIONAL (TUBE STYLE) FRAME THAT IS 17.75" WIDE AND 18" DEEP, OR A STANDARD H-FRAME. SEAT HEIGHT WILL BE APPROXIMATELY 21.5" FOR POWER CHAIRS, AND 20" FOR MANUAL CHAIRS.

THE RECARO ES SEAT REPLACES THE DS SEAT AS OF 2005.

**B393** CUS CAPT SEAT. CUSTOM CAPTAIN'S (VAN) SEAT. CUSTOM CAPTAIN'S STYLE SEATS CAN SOMETIMES BE INSTALLED ON H-FRAME BASES. CONTACT THE FACTORY FOR ADDITIONAL INFORMATION.

### BASE COLOR

**B4021** CUS PC. CUSTOM POWDER COAT COLOR. SEND SAMPLE OF COLOR. WE WILL DO OUR BEST TO MATCH IT!

**B4046** NON-BLACK SAF. PAINT SEAT, ARMS AND FRONT RIGGING SAME COLOR AS REST OF CHAIR OR GURNEY. DOES NOT INCLUDE MOST BOLTED ON PARTS SUCH AS THE SEAT PAN, HAND CONTROL MOUNT, FORKS, FOOTREST EXTENSIONS, ETC. ONLY LOWER ARM ASSEMBLIES ARE PAINTED THE SAME COLOR AS THE BASE. UPPER ARM ASSEMBLIES ARE BLACK. FOOTREST BRACKETS ARE PAINTED SAME COLOR AS BASE IF FOOTRESTS ARE ORDERED. LEGREST BRACKETS AND HANGERS ARE PAINTED SAME COLOR AS BASE IF LEGRESTS ARE ORDERED. FOOTREST AND LEGREST EXTENSIONS ARE BLACK.

### FRAME REINFORCEMENTS

# BOUNDER Plus H-FRAME POWER WHEELCHAIR

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Stk#	Note
B4109	SBP. SOLID BACK POSTS. INCLUDED AT NO CHARGE ON ALL POWER 700, POWER 1000 AND MANUAL 1000 FRAME OPTIONS.
B4113	CBPT. CROSS STRUT BETWEEN BACKPOST HANDLE TIPS. INCLUDED AT NO CHARGE ON ALL POWER 700, POWER 1000 AND MANUAL 1000 FRAME OPTIONS.

## SEAT DEPTH

**B4421** HF STD SD. STD SEAT DEPTH (SHORT OR LONG BASE). 16" DEEP IS STANDARD FOR MOST CHAIRS (WITHOUT SEATING SYSTEMS) WITH THE BACK UPHOLSTERY MOUNTED ON THE BACK OF THE BACKPOSTS. IF A POWER TILT AND/OR RECLINE IS ORDERED, THE BACK UPHOLSTERY IS MOUNTED ON THE FRONT OF THE BACKPOSTS. TO COMPENSATE, THE STANDARD TILT AND/OR RECLINE SEAT DEPTH IS LENGTHENED TO 17". THE EFFECTIVE DEPTH REMAINS THE SAME FROM THE FRONT EDGE OF THE SEAT PAN OR SEAT UPHOLSTERY TO THE FRONT OF THE BACK UPHOLSTERY. 16" 17" & 18" SEAT DEPTHS AVAILABLE WITH SHORT BASE. 18" SEAT DEPTH AVAILABLE WITH LONG BASE.

**B4423** HF LONG SD. LONG SEAT DEPTH (SHORT OR LONG BASE). H-FRAME 19" AND 20" SEAT DEPTHS CAN BE INSTALLED ON EITHER A SHORT OR A LONG WHEELBASE FRAME. HOWEVER, A LONG BASE PROVIDES BETTER WEIGHT DISTRIBUTION AND IS RECOMMENDED FOR MOST USERS. THE COST OF THE LONG WHEELBASE FRAME IS ADDITIONAL.

**B4427** HF SHORT SD. SHORT SEAT DEPTH (SHORT BASE ONLY). NO CHARGE WHEN NARROW BASE WIDTH AND EXTRA NARROW BASE WIDTH ARE ORDERED. SOME RESTRICTIONS APPLY. CONTACT FACTORY FOR DETAILS.

## SEAT WIDTH

**B4523** HF NAR SW. NARROW BOUNDER PLUS HF SEAT WIDTH. NO CHARGE WHEN NARROW BASE WIDTH AND EXTRA NARROW BASE WIDTH ARE ORDERED.

## SEAT HEIGHT

NOTE THAT THE SEAT HEIGHT AT FRONT CAN BE ADJUSTED TO 20", 20.5" OR 21" BY CHANGING THE POSITION OF THE FRONT WHEELS IN THE SUSPENSION FORKS. THIS ALSO CHANGES THE TILT OF THE SEAT. RECARO SEAT HEIGHTS MAY BE SLIGHTLY HIGHER.

**B4601N** HF XNAR SH. STANDARD 20" SEAT HEIGHT (NO CHARGE, CHAIRS ORDERED W/ EXTRA NARROW BASE ONLY). FOR ALL OTHER H-FRAME CONFIGURATIONS USE B4601H, HF STD SH WITH A STANDARD SEAT HEIGHT OF 21".

**B4606** CAPT SH. STANDARD 22" OR 24" CAPTAIN'S SEAT HEIGHT. FOR CHAIRS WITH CAPTAIN'S SEATS. CERTAIN CONFIGURATIONS OF SEATING SYSTEMS MAY INCREASE THE EFFECTIVE SEAT-TO-FLOOR HEIGHT FROM 22" TO 24". SPECIFICALLY, IF A SEAT ELEVATOR IS COMBINED WITH A CAPTAIN'S SEAT THE SEAT-TO-FLOOR HEIGHT BECOMES 24". CONTACT FACTORY FOR ADDITIONAL INFORMATION.

**B4616** HF LOW SH. LOW SEAT HEIGHT. SOME RESTRICTIONS APPLY FOR CHAIRS WITH POWER SEATING SYSTEMS. CONTACT FACTORY FOR MORE INFORMATION.

**B4619** HF CUS SH. H-FRAME CUSTOM SEAT HEIGHT. UNDER CERTAIN CONDITIONS A CHAIR CAN BE MADE WITH A LOWER SEAT TO FLOOR HEIGHT. CONTACT THE FACTORY FOR AVAILABILITY AND PRICES.

## FIXED BACK STYLE & HEIGHT

**B4701H** HF STD BH. STANDARD 90 DEG BACK HEIGHT W/ 7 DEG BEND. STANDARD BACKPOST FOR USE WITH BACK MOUNTED UPHOLSTERY OR SOLID BACKS WITH ADJUSTABLE HARDWARE. PUSH HANDLES ARE BENT AT TOP OF BACKPOST. STANDARD BACK BEND HEIGHT IS 9.5" ABOVE THE SEAT RAILS FOR ALL NON-RECLINING BACK HEIGHTS. IF YOU NEED A CUSTOM BACK HEIGHT (OTHER THAN 16", 18" OR 20") ORDER HF CUS BH. IF YOU NEED A CUSTOM BACK BEND HEIGHT (OTHER THAN 9.5"), ORDER CB&BBHC.

**B4710** HF CUS BH. CUSTOM 90 DEG BACK HEIGHT W/ 7 DEG BEND. CUSTOM HEIGHT BACKPOST FOR USE WITH BACK MOUNTED UPHOLSTERY OR SOLID BACKS WITH ADJUSTABLE HARDWARE. PUSH HANDLES ARE BENT AT TOP OF BACKPOST. STANDARD BACK BEND HEIGHT IS 9.5" ABOVE THE SEAT RAILS FOR ALL NON-RECLINING BACK HEIGHTS. IF YOU NEED A CUSTOM BACK BEND HEIGHT, ORDER CB&BBHC.

**B4710L** HF CUS L BH. CUSTOM LOW 90 DEG BACK HEIGHT W/7 DEG BEND. NO CHARGE WHEN NARROW BASE WIDTH OR EXTRA NARROW BASE WIDTH ARE ORDERED.

**B4711** CS945BH. CUSTOM STRAIGHT 94.5 DEGREE BACKPOST HEIGHT (FRONT MOUNTED UPH OR SOLID BACK)(FOR SMP BACK OR SS ADJ ARM) (SPECIFY HEIGHT:). BACKPOSTS ARE STRAIGHT AND WELDED TO THE SEAT RAIL AT 94.5 DEGREES. THERE IS NO BACK BEND AT THE SMALL OF THE BACK. THE BACK UPHOLSTERY OR SOLID BACK IS ATTACHED TO THE FRONT OF THE BACKPOSTS. PUSH HANDLES ARE WELDED PARRALLEL TO GROUND. THIS ITEM IS REQUIRED IF INSTALLING A CURVED SHEET METAL PAN BACK OR SELF SUPPORTING ARMS. NOTE: THE EFFECTIVE SEAT DEPTH IS USUALLY DECREASED BY ABOUT 1.5". SPECIFY BACK HEIGHT FROM 12 TO 28 INCHES.

**B4712** CBHASBA. CUSTOM BACK HEIGHT W/ ADJ SEAT-TO-BACK ANGLE (20 DEG OF ADJ)(400 LB LIMIT)(SPECIFY HEIGHT:). ALLOWS SEAT TO BACK ANGLE TO BE SET AT 90, 95, 100, 105 OR 110. ATTACHED W/ SCREWS. 400 LB MAXIMUM USER WEIGHT. SPECIFY BACK STYLE, HEIGHT AND ANGLE.

**B4713** CBHWSBA. CUSTOM BACK HEIGHT W/WELDED SEAT-TO-BACK ANGLE (SPECIFY HEIGHT:). FOR CHAIRS WITHOUT TILT OR RECLINE SYSTEMS. SPECIFY BACK HEIGHT AND SEAT TO BACK ANGLE BETWEEN SEAT RAIL AND BACKPOST FROM 90 DEGREES (VERTICAL) TO 180 DEGREES (HORIZONTAL).

**B4714** CB&BBH. CUSTOM BACK HEIGHT AND/OR BACK BEND HEIGHT. SPECIFY BACKPOST STYLE, BACK HEIGHT AND THE BACK BEND HEIGHT (IF APPLICABLE) ABOVE THE TOP OF THE SEAT RAILS. REQUIRED IF BACK BEND HEIGHT IS DIFFERENT THAN 9.5" ABOVE THE SEAT RAILS. CONTACT FACTORY FOR PRICE.

## TILT/RECLINE/STANDING BACK STYLE & HEIGHT

**B4715R** STD REC BH. STRAIGHT 94.5 DEG RECLINE SYSTEM BACKPOST HEIGHT. AVAILABLE ONLY FOR CHAIRS WITH 21ST RECLINE (OR TILT AND RECLINE) SYSTEMS. 24" HIGH SLING BACK UPHOLSTERY MOUNTS

**ON FRONT OF BACKPOSTS. BACKPOSTS ARE STRAIGHT AND MEASURE 24.3" FROM THE SEAT RAIL TO THE TOP OF THE BACKPOST. HANDLES ARE WELDED ONTO THE BACK AT A HEIGHT OF APPROXIMATELY 37" ABOVE THE GROUND. EFFECTIVE BACK UPHOLSTERY HEIGHT IS 24.3" ABOVE THE SEAT RAILS. FOR CONVENTIONAL CHAIRS WITH PRS RECLINERS, SLING UPHOLSTERY WILL BE 24" HIGH. FOR TILT & PRS RECLINE, SLING UPHOLSTERY WILL BE 23" HIGH AND START 1" ABOVE SEAT RAILS (EXCEPT FOR 19" AND 20" SEAT HEIGHT CHAIRS). FOR H-FRAMES WITH PRS RECLINERS, SLING UPHOLSTERY WILL BE 22" HIGH. FOR SCBPRS RECLINERS, SLING UPHOLSTERY WILL BE 18" HIGH AND START 6" ABOVE SEAT RAILS. SHEET METAL PANS AND SOLID BACKS CAN BE INSTALLED AT ADDITIONAL COST. DIMENSIONS FOR SOLID AND SHEET METAL PAN BACKS ARE SIMILAR. PRICE INCLUDES SLING BACK UPHOLSTERY. NOTE: 18" HIGH RECLINING BACK ASSEMBLIES ARE CONSIDERED CUSTOM UNLESS COMBINED WITH A TILT SYSTEM.**

**B4715T** STD TILT BH. STRAIGHT 94.5 DEG TILT OR STANDING SYSTEM BACKPOST HEIGHT. SPECIFY 18" OR 24". AVAILABLE FOR 21ST TILT SYSTEM CHAIRS, WITH OR WITHOUT A RECLINING BACK AND CHAIRS WITH A POWER STANDING SYSTEM.18" OR 24" HIGH SLING BACK UPHOLSTERY ON CONVENTIONAL FRAME CHAIRS, 17" OR 23" HIGH SLING BACK UPHOLSTERY ON H-FRAME CHAIRS. BACK UPHOLSTERY MOUNTS ON FRONT OF BACKPOSTS. BACKPOSTS ARE STRAIGHT AND MEASURE 18.3 OR 24.3" FROM THE SEAT RAIL TO THE TOP OF BACKPOSTS, AND FORM AN ANGLE OF 94.5 DEGREES WITH THE SEAT RAIL. EFFECTIVE BACK UPHOLSTERY HEIGHT IS 18" OR 24" ABOVE THE SEAT RAILS. FOR CUSTOM TILT ANGLE, ORDER CTRBSA AT ADDITIONAL EXPENSE. HANDLES ARE WELDED ONTO THE BACKPOSTS AT A HEIGHT OF APPROXIMATELY 37" ABOVE THE GROUND. PRICE INCLUDES THE SLING BACK UPHOLSTERY. SHEET METAL PANS AND SOLID BACKS CAN BE INSTALLED AT ADDITIONAL COST.

**B4716** CTRBH. CUSTOM TILT, RECLINE OR STANDING SYSTEM BACKPOST HEIGHT (SPECIFY HEIGHT:). AVAILABLE ONLY FOR CHAIRS WITH 21ST TILT AND/OR RECLINE SYSTEMS. BACKPOSTS ARE FABRICATED TO THE HEIGHT YOU SPECIFY TO THE NEAREST INCH, FROM 12 TO 32 INCHES. FOR SOME SYSTEMS, BACK HEIGHTS OF LESS THAN 18" CANNOT BE FABRICATED. CONTACT FACTORY FOR MORE INFORMATION.

**B4717** CTRSBA. CUSTOM TILT AND/OR RECLINE SYSTEM SEAT-TO-BACK ANGLE (SPECIFY ANGLE:). SPECIFY THE ANGLE IN DEGREES. ALLOWS CUSTOMIZATION OF THE ANGLE BETWEEN THE SEAT AND THE BACK ON 21ST TILT SYSTEMS. 94.5 DEGREES IS STANDARD; ANY OTHER ANGLE REQUIRES THIS UPCHARGE. CTRSBA IS ONLY AVAILABLE FOR 21ST TILT SYSTEMS. PRICE DOES NOT INCLUDE CTRBH ABOVE.

## CAPTAIN'S BACK HEIGHT

**B4731** STD CAPT BH. STANDARD CAPTAIN'S SEAT BACK HEIGHT. MEASURED FROM THE TOP REAR CENTER OF THE CAPTAIN'S SEAT TO THE TOP CENTER OF THE CAPTAIN'S BACK.

**B4732** CUS CAPT BH. CUSTOM CAPTAIN'S BACK HEIGHT (SPECIFY HEIGHT:). SPECIFY BACK HEIGHT FROM 12" TO 28" MEASURED FROM THE TOP REAR CENTER OF THE CAPTAIN'S SEAT TO THE TOP CENTER OF THE CAPTAINS BACK, ON 1" INCREMENTS.

## HEADRESTS

**B4801** PHR. POWER HEADREST. POWER HEADREST MOVES UP AND FORWARD TO USE; RETRACTS BACK AND DOWN TO STORE. PRIMARILY FOR USE WITH POWER TILT AND/OR RECLINE SYTEMS, BUT CAN ALSO BE INSTALLED ON SOME STANDARD CHAIRS. A 24" HIGH OR HIGHER BACK HEIGHT IS REQUIRED FOR INSTALLATION OF THE POWER HEADREST. CONTACT FACTORY FOR ADDITIONAL DETAILS. INCLUDES CONTROL SWITCH BOX (UNLESS JOYSTICK PSS CONTROL) AND 7" HIGH X 10" WIDE UPHOLSTERED PAD HEADREST. SPECIFY COLOR.

**B4802** ACPHR. ADJUSTABLE CENTER POST HEADREST (6" X 12.5" PAD). ATTACHES TO MOUNT PLATE CENTERED BETWEEN BACKPOSTS. HEADREST ADJUSTS TO AND FRO AND CAN BE TILTED OVER A WIDE ARC BOTH VERTICALLY OR HORIZONTALLY. INCLUDES LARGE HEADREST PAD (ABOUT 6" HIGH X 12.5" WIDE) WITH 2" DEEP CURVE TO CRADLE BACK OF HEAD.

**B4803** RHR. 10" HIGH REMOVABLE SLING HEADREST. SLING UPHOLSTERY HEADREST SLIPS INTO ENDS OF BACKPOSTS OF 21ST POWER TILT AND/OR RECLINE SYSTEMS. CAN ALSO BE USED ON 21ST CHAIRS WITH STRAIGHT BACKPOSTS. INCLUDES HEADREST SLING UPHOLSTERY AND POSTS. ALSO INCLUDES MODIFYING BACKPOSTS TO ACCOMODATE HEADREST IF REQUIRED. SPECIFY UPHOLSTERY COLOR. FOR HEIGHTS OTHER THAN 10", ORDER CSHR.

**B4804** CSHR. CUSTOM SIZE OR STYLE HEADREST FOR ACPHR OR RHR. ANY SIZE BUT STANDARD 6" HIGH X 12.5" WIDE WITH 2" DEEP CURVE FOR ACPHR. ANY SIZE BUT STANDARD 10" HIGH X BACKPOST WIDTH FOR RHR.

## FRONT RIGGING

BOUNDER CHAIRS DO NOT INCLUDE FRONT RIGGING. YOU MUST ORDER FRONT RIGGING SEPARATELY IF IT IS NEEDED.

**B5001** FR70. 70 DEG SWINGAWAY FOOTRESTS. FOR H-FRAMES: CAN BE USED ON MOST SHORT BASE CHAIRS EXCEPT 15" AND 16" SEAT DEPTHS ON 19" SEAT HEIGHT CHAIRS. CAN BE USED ON MOST LONG BASE CHAIRS EXCEPT 17", 18" AND 19" SEAT DEPTHS ON 19" SEAT HEIGHT CHAIRS. FOR CONVENTIONAL FRAMES: USUALLY BEST WITH 8"X2" CASTER WHEELS AND STANDARD DUTY CASTER BARRELS; LARGER CASTER WHEELS MAY HIT FOOTPLATES OTHERWISE. FR70 FOOTRESTS COME WITH STANDARD SIZE #1 FOOTPLATES WITH HEEL LOOPS INSTALLED.

**B5002** FR60. 60 DEG SWINGAWAY FOOTRESTS. FOR H-FRAMES: REQUIRED ON MOST SHORT BASE CHAIRS WITH 15" AND 16" SEAT DEPTHS ON 19" SEAT HEIGHT CHAIRS. REQUIRED ON MOST LONG BASE CHAIRS WITH 17", 18" OR 19" SEAT DEPTHS ON 19" SEAT HEIGHT CHAIRS. FOR CONVENTIONAL FRAMES: USUALLY NECESSARY FOR CASTER WHEEL CLEARANCE WHEN 9"X3.50" FRONT WHEELS ARE INSTALLED. FR60 FOOTRESTS COME WITH STANDARD SIZE #1 FOOTPLATES WITH HEEL LOOPS INSTALLED.

**B5003** FR55. 55 DEG SWINGAWAY FOOTRESTS. FR55 FOOTRESTS COME WITH STANDARD SIZE #1 FOOTPLATES WITH HEEL LOOPS INSTALLED.



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e-mail: 21st@wheelchairs.com www.wheelchairs.com

Sik#	Note	Sik#	Note
B5004	FR90. 90 DEG SWINGAWAY FOOTRESTS. MOST OFTEN USED ON CHAIRS FOR CHILDREN OR USERS WITH VERY SHORT LEGS. BOTTOM OF FOOTPLATE IS USUALLY ADJUSTED TO BE ABOVE THE CASTER WHEEL TIRE, BUT CFR (CUSTOM FRONT RIGGING) CAN BE ORDERED IF CUSTOM FEATURES ARE NEEDED. FR90 FOOTRESTS COME WITH STANDARD SIZE #1 FOOTPLATES WITH HEEL LOOPS INSTALLED. MAXIMUM DISTANCE FROM TOP FRONT OF SEAT RAIL TO TOP OF FOOTPLATE IS TYPICALLY 13" ON A 21" SEAT HEIGHT CHAIR.		NON-RECLINING BACK CHAIRS ALSO.
B5005	LRL. LOW PROFILE ELEVATING LEGRESTS. LOW PIVOT AT SEAT LEVEL BELOW THE KNEE DESIGN. NOT COMPATIBLE WITH MOST POWER RECLINERS. LEGRESTS COME WITH STANDARD SIZE #1 FOOTPLATES WITHOUT HEEL LOOPS. LRL WILL NOT ELEVATE COMPLETELY WITH DIPLR.	B5109	FL ART ARM. FULL LENGTH ARTICULATING ARMS. FULL LENGTH ARTICULATING ARMS MOVE BACK AND DOWN AS BACK RECLINES. SIMILAR TO DESK LENGTH ARTICULATING ARMS ABOVE EXCEPT FULL LENGTH.
B5007	LRH. HIGH PROFILE (GOOSENECK) ELEVATING LEGRESTS. HIGH PIVOT (GOOSENECK) AT KNEE LEVEL DESIGN. COMPATIBLE WITH MOST POWER RECLINERS. LEGRESTS COME WITH STANDARD SIZE #1 FOOTPLATES WITHOUT HEEL LOOPS.	B5110	DL SL ARM. DESK LENGTH SLIDING ARMS. DESK LENGTH SLIDING ARM GLIDES BACK AND DOWN UPON A FIXED LOWER ARM AS THE SEAT RECLINES. SLIDING ARM EASILY FLIPS UP AND OUT OF THE WAY FOR TRANSFERRING. STATIONARY LOWER ARMS ARE DETACHABLE, CAN BE ADJUSTED IN HEIGHT AND HAVE SIDE PANELS (MODESTY PANELS). DL SL ARM ARE NOT REVERSE MOUNTED. HEIGHT ADJUSTMENT RANGE IS FROM APPROXIMATELY 11" MINIMUM TO 16" MAXIMUM ABOVE THE SEAT RAILS. USUALLY INSTALLED ON RECLINERS ONLY.
B50079	LRH90. 90 DEGREE HIGH PROFILE ELEVATING LEGRESTS. UTILIZES A LRH BRACKET AND A LRL HANGER. THIS ALLOWS THE USER TO GET HIS/HER FEET CLOSER TO THE CASTERS REDUCING THE OVERALL CHAIR LENGTH. NOTE: THE LEGRESTS MUST BE RAISED IN ORDER FOR THE CASTERS TO CLEAR THE LEGRESTS. THESE LEGRESTS FUNCTION BEST WHEN USED WITH DIPLR OR DIPLR HD.	B5111	FL SL ARM. FULL LENGTH SLIDING ARMS. SIMILAR TO DESK LENGTH SLIDING ARMS ABOVE EXCEPT FULL LENGTH.
B5008	DIPLR. DUAL INDEP PWR ELEV LEGREST MECHANISMS (ACTUATORS, SW BOX, LEGRESTS). DIPLR DUAL INDEPENDENT POWER ELEVATING LEGREST MECHANISM INCLUDES TWO ACTUATORS, ONE ON EACH SIDE, THAT MOVE THE LEGRESTS SEPARATELY FOR INDEPENDENT OPERATION, OR TOGETHER FOR COMBINED OPERATION. INCLUDES 2 SWITCH CONTROL BOX. INCLUDES LRL OR LRH LEGRESTS. DIPLR IS OFTEN ORDERED AS PART OF A POWER RECLINE AND/OR TILT SYSTEM, BUT IT CAN BE ORDERED BY ITSELF. IF ORDERED WITH A POWER TILT, POWER RECLINE AND/OR POWER SEAT ELEVATOR SYSTEM, A 3 OR 4 SWITCH CONTROL BOX WILL BE SUPPLIED UNLESS THROUGH-THE-JOYSTICK CONTROL IS ORDERED (AT EXTRA COST).	B5112	DL SS ADJ ARM. DESK LENGTH SELF-SUPPORTING ADJ ARMS. DESK LENGTH SELF-SUPPORTING ADJUSTABLE ARMS INCLUDE CLAMP ON BACKPOST MOUNTS AND BACKPOSTS WITH ANTI-ROTATION RIBS. BACKPOST CLAMPS INCLUDE ARM UP AND DOWN STOPS. NO ARM PANELS. THESE ARMS ARE VERY STRONG AND THEY MAKE TRANSFERS EASY. FOR USE WITH NON-RECLINING BACK CHAIRS. REQUIRES STRAIGHT BACKPOSTS USED IN CONJUNCTION WITH FRONT MOUNTED BACK UPHOLSTERY OR A SOLID BACK (TYPICALLY CS945BH, STD REC BH, OR STD TILT BH).
B5014	RFR. REINFORCED FOOTRESTS (FOOTRESTS NOT INCLUDED). EXTRA TUBING AND GUSSET ADDED TO FOOTREST BRACKET. ALSO INCLUDES SOLID BAR STOCK IN LOWER FOOTREST EXTENSION.	B5112C	DL SS ADJ ARM CS. DESK LENGTH SELF-SUPPORTING ADJ ARMS FOR CAPTAIN'S SEAT. UPPER ARM TUBE IS LENGTHENED REARWARD 5" .
B5016	RLR. REINFORCED ELEVATING LEGRESTS (LRL OR LRH NOT INCLUDED). SIMILAR TO RFR. PIVOT OF LEGREST BRACKET AND EXTENSION TUBE ARE ALSO REINFORCED. FOR LRL OR LRH ELEVATING LEGRESTS. PRICE DOES NOT INCLUDE LEGRESTS; ORDER LEGRESTS SEPARATELY.	B5113	FL SS ADJ ARM. FULL LENGTH SELF-SUPPORTING ADJ ARMS. SIMILAR TO DESK LENGTH SELF-SUPPORTING ADJUSTABLE ARMS ABOVE EXCEPT FULL LENGTH.
B5018	OFFSET FR. OFFSET FRONT RIGGING (SPECIFY OFFSET). SPECIFY PORTION OF FOOTREST/LEGREST TO BE OFFSET. THE FOOTREST/LEGREST BRACKET OR EXTENSION MAY BE OFFSET EITHER INWARD OR OUTWARD. SPECIFY THE OFFSET TO THE NEAREST 1/2 INCH. PRICE DOES NOT INCLUDE FRONT RIGGING.	B5113C	FL SS ADJ ARM CS. FULL LENGTH SELF-SUPPORTING ADJ ARM FOR CAPTAIN'S SEAT. UPPER ARM TUBE IS LENGTHENED REARWARD 5" .
B5019	TAPER FR. TAPERED FRONT RIGGING (SPECIFY TAPER). SPECIFY TAPER TO NEAREST 1/2". ALSO SPECIFY TYPE OF TAPER: DOUBLE BEND OR STRAIGHT ANGLE. UP CHARGE; PRICE DOES NOT INCLUDE FRONT RIGGING.	B5116	ONDA. OFFSET NON-DETACHABLE ARMS. ARMS ARE PERMANENTLY WELDED TO THE FRAME. PRICE IS FOR A PAIR.
B5023	QRL. QUAD RELEASE LEVERS. FRONT RIGGING RELEASE LEVERS EXTENDED TO OUTSIDE OF CHAIR.	B5117	INDA. INLINE NON-DETACHABLE ARMS. THE FRONT OF THE ARMS ARE WELDED TO THE SEAT RAILS JUST IN FRONT OF THE SEAT UPHOLSTERY. THE REAR OF THE ARMS ARE WELDED TO THE BACKPOSTS. EFFECTIVE SEAT WIDTH IS THEREBY NARROWED BY ABOUT 2 INCHES, BUT THE OVERALL WIDTH OF THE CHAIR AT THE REAR TIRES IS NOT REDUCED. PRICE IS FOR A PAIR.
B5032	WFBPB. 1-PIECE WOODEN FOOT BOARD, PAINTED. ONE-PIECE WOODEN FOOTBOARD ATTACHES TO LEFT FOOTPLATE AND OVERLAPS RIGHT EXTENSION. 6" FRONT TO BACK 3/8" THICK WOOD SIZED TO FIT WIDTH ACROSS FOOTPLATES. SPRAY PAINTED BLACK.	B5121	PARMS. PEDIATRIC ARMS (LOWER ARM ASSEMBLY IS 3" LOWER). REDUCES HEIGHT OF LOWER ARM ASSEMBLY BY 3". ADJUSTMENT RANGE IS REDUCED. FOR USE WITH PEDIATRICS AS WELL AS VERY SMALL ADULT.
B5033	WFBU. 1-PIECE WOODEN FOOT BOARD, UPHOLSTERED W/ PAD. ONE-PIECE WOODEN FOOTBOARD ATTACHES TO LEFT FOOTPLATE AND OVERLAPS RIGHT EXTENSION. 6" FRONT TO BACK WITH 3/8" THICK WOOD 1" THICK FOAM AND UPHOLSTERY SIZED TO FIT WIDTH ACROSS FOOTPLATES.	B5131	RAT. REINFORCED ARM TIPS. ARM TIPS ARE SOLID STEEL INSTEAD OF TUBING. NO CHARGE WITH POWER 1000 AND MANUAL 1000 UPGRADE.
B5034	CFB. CUSTOM 1-PIECE FOOT BOARD. CAN BE FABRICATED FROM WOOD OR SHEET METAL.	B5134	CARMS. CUSTOM ARMS. LET US KNOW WHAT YOU NEED. BE SURE TO GET A QUOTE!
B5035	CUS CM FB. CUSTOM CENTER MOUNT, ANGLE ADJUSTABLE FOOTBOARD. MOUNTS IN CENTER OF CHAIR. FLIPS UP TOWARD THE CENTER OF THE CHAIR. CAUTION: THE USER MUST ALWAYS WEAR SHOES OR FOOT PROTECTION. CONTACT FACTORY FOR ADDITIONAL INFORMATION.	B5135	NARMS. CREDIT FOR NO ARMS. CREDIT IS FOR A PAIR OF ARMS AND INCLUDES THE ARMREST PAD CREDIT (NARP) LISTED BELOW.
B5036	PSTAND FBKS. POWER STANDING SYSTEM FLIP UP FOOTBOARD AND KNEE SUPPORT. NO CHARGE WITH POWER STANDING SYSTEM.		<b>ARMREST PADS</b>
B5041	FPHL. HEEL LOOPS. HEEL LOOPS ARE INSTALLED IN THE NORMAL POSITION ON THE FOOTPLATE UNLESS YOU ADVISE US OTHERWISE.	B5141	STD ARMREST PADS. STD UPHOLSTERED ARMREST PADS. STD ARMREST PADS HAVE A BLACK PLASTIC BASE WITH NAUGAHYDE COVERED FOAM. NOT AVAILABLE IN FABRIC.
B5042	FPAS. ANKLE STRAPS. DUE TO THE WIDE RANGE OF FOOT SIZES, ANKLE STRAPS ARE NORMALLY NOT INSTALLED UNLESS YOU SPECIFY EXACTLY WHERE TO INSTALL THE STRAPS ON THE FOOTPLATES.	B5142	WATERFALL ARP. WATERFALL ARMREST PADS. NAUGAHYDE ONLY. NOT AVAILABLE IN FABRIC. IF INSTALLED ON ARTICULATING OR SLIDING ARMS, THE WATERFALL ARMREST PAD WILL PREVENT THE UPPER ARM ASSEMBLY FROM FLIPPING UP TOTALLY OUT OF THE WAY FOR TRANSFERS.
B5043	FPTL. PAIR OF TOE LOOPS. DUE TO THE WIDE RANGE OF FOOT SIZES, TOE LOOPS ARE NORMALLY NOT INSTALLED UNLESS YOU SPECIFY EXACTLY WHERE TO INSTALL THE TOE LOOPS ON THE FOOTPLATES.	B5143	TROUGH ARP. TROUGH ARMREST PADS. AVAILABLE IN NAUGAHYDE OR FABRIC.
B5047	CALF FLAT. FLAT CALF PADS. SPECIFY WIDTH AND HEIGHT TO NEAREST INCH.	B5144	FLAT ARP. FLAT ARMREST PADS. 3 1/2" WIDE FLAT PAD WITH FOAM. COVERED WITH NAUGAHYDE OR FABRIC.
B5075	FR PED. PEDIATRIC FRONT RIGGING (REDUCES FOOTPLATE SIZE AND EXTENSION ADJUSTMENT RANGE). REDUCES FOOTPLATE SIZE AND EXTENSION ADJUSTMENT RANGE. FOR USE WITH PEDIATRICS AS WELL AS VERY SMALL ADULT. INCLUDES WELDED ON FOOTPLATES WITH HEELLOOPS. FOOTPLATES DO NOT FLIP UP.	B5145	NARROW FLAT ARP. NARROW FLAT ARMREST PADS. 2" WIDE FLAT PAD WITH FOAM. COVERED WITH NAUGAHYDE OR FABRIC.
		B5147	NARP. CREDIT FOR NO ARMREST PADS. CREDIT IS FOR A PAIR.
			<b>WHEELCHAIR SEATS &amp; SEAT CUSHIONS</b>
		B5206	HF SD SEAT UPH. H-FRAME SUPER DUTY SCREW-ON SLING SEAT UPHOLSTERY. AVAILABLE IN WIDTHS FROM 12" TO 24". INCLUDES MODIFICATIONS TO SEAT ASSEMBLY TO ALLOW FOR INSTALLATION OF SLING SEAT.
		B5242	SMP SEAT CUSHION. UPHOLSTERED FOAM SEAT CUSHION (UP TO 3"; SPECIFY FOAM THICKNESS: 1" TO 3" THICK. UPHOLSTERED FOAM CUSHION FOR USE WITH SMP SEAT FLAT. VELCRO IS ATTACHED TO SMP SEAT FLAT AND TO SMP SEAT CUSHION. CUSHION IS MADE THE SAME SIZE AS THE SHEET METAL PAN.
		B5262	SPEC SEAT FOAM. SPECIAL SEAT FOAM (PUDGE, SUNMATE, ETC.) (FOR EACH 1/2" OF THICKNESS). UP CHARGE FOR EACH 1/2" THICKNESS OF SPECIAL FOAM. OFTEN 1/2" IS INSTALLED ON TOP OF THE 1" THICK STANDARD FOAM.
			<b>WHEELCHAIR BACKS &amp; BACK CUSHIONS</b>
ARMS			
B5108	DL ART ARM. DESK LENGTH ARTICULATING ARMS. DESK LENGTH ARTICULATING ARMS MOVE BACK AND DOWN AS SEAT RECLINES. BOTTOM FRONT OF ARMS SNAP OUT OF RETAINER, ALLOWING ARMS TO BE PIVOTED UP AND FOLDED OUT OF THE WAY FOR TRANSFERRING. HEIGHT CAN BE ADJUSTED. DOES NOT INCLUDE ARM SIDE PANELS (MODESTY PANELS). HEIGHT ADJUSTMENT RANGE IS FROM APPROXIMATELY 10.5" MINIMUM TO 14.5" MAXIMUM ABOVE THE SEAT RAILS. CAN BE USED ON		

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Stk#	Note
B5303N	SD BACK UPH NC. BOUNDER PLUS & BIG BOUNDER SUPER DUTY SCREW-ON SLING BACK UPHOLSTERY N/C. STANDARD ON BOUNDER PLUS AND BIG BOUNDER CHAIRS AND GURNEYS. INCLUDES CAPS, DOUBLE LINER, WEB STRAPS. IT IS AVAILABLE IN BLACK, DARK BLUE, BURGUNDY AND DOLER GRAY. CUSTOM COLORS ARE ADDITIONAL.
B5324	FCWB ADJ. FOAM COVERED WOOD BACK WITH ADJUSTABLE BRACKETS, 1" THICK FOAM. BRACKETS (J-HOOKS) ALLOW BACK TO BE ADJUSTED UP TO 3" IN FRONT OR 3" BEHIND THE BACKPOSTS. THE BACK CAN ALSO BE TILTED RELATIVE TO THE FRAME. SOLID BACK WITH 1" THICK FOAM.
B5325	FCWB CURVED ADJ. FOAM COVERED CURVED WOOD BACK WITH ADJUSTABLE BRACKETS, 1" THICK FOAM. BRACKETS (J-HOOKS) ALLOW BACK TO BE ADJUSTED UP TO 3" IN FRONT OR 3" BEHIND THE BACKPOSTS. BACK CAN ALSO BE TILTED RELATIVE TO FRAME. SOLID BACK WITH 1" THICK FOAM.
B5332	SMPB CURVED. CURVED POWDER COATED SHEET METAL PAN BACK. REQUIRES STRAIGHT BACKPOSTS (TYPICALLY CS945BH, STD REG BH OR STD TILT BH).
B5342	SMP BACK CUSHION. UPHOLSTERED FOAM BACK CUSHION (UP TO 3"; SPECIFY FOAM THICKNESS: 1" - 3" THICK. UPHOLSTERED FOAM CUSHION FOR USE WITH SMPB FLAT OR SMB CURVED. VELCRO IS ATTACHED TO THE SEAT PAN AND TO SMP SEAT CUSHION. CUSHION IS MADE THE SAME SIZE AS THE SHEET METAL PAN.
B5362	SPEC BACK FOAM. SPECIAL BACK FOAM (PUDGE, SUNMATE, ETC.) (FOR EACH 1/2" OF THICKNESS). UP CHARGE FOR EACH 1/2" THICKNESS OF SPECIAL FOAM. OFTEN 1/2" IS INSTALLED IN FRONT OF THE 1" THICK STANDARD FOAM.

## UPHOLSTERY COLOR

IF FABRIC UPHOLSTERY IS ORDERED BLACK NAUGAHYDE CALF PADS AND/OR ARMREST PADS WILL BE SUPPLIED UNLESS CALF FLAT, CALF TROUGH, CALF CUSTOM, TROUGH ARP, FLAT ARP, NARROW FLAT ARP, OR CARP ARE ORDERED.

## CONTROL BOXES & REMOTE DISPLAY

B6011 RD. REMOTE DISPLAY SEPARATE FROM JOYSTICK & SWITCHES. FOR USE WITH CHIN AND SPECIALTY CONTROLS, OR DRIVERS WITH IMPAIRED VISION. INCLUDES GOOSENECK MOUNT.

B6012 CB KEY LOCK. ADD KEY SWITCH AT FRONT OF HAND CONTROL. INCLUDES 2 KEYS.

B6023R CB CHIN BIB. BIB MOUNTED CHIN CONTROL. REMOTE MINI CONTROL BOX (JOYSTICK AND SWITCHES) MOUNT ON A BIB THAT HANGS AROUND THE USER'S NECK. REQUIRES CB REMOTE DISPLAY. INCLUDES STANDARD MINI-BALL JOYSTICK KNOB. CHIN CUP AND BIB ARE NOT INCLUDED.

B6027 CB CHIN FRONT. CHIN CONTROL WITH FRONT FACING SWITCHES. THIS IS A MINIATURE SIZE CHIN CONTROL. THE ON-OFF SWITCH IS MOUNTED TO THE LEFT OF THE JOYSTICK AND THE SELECT SWITCH TO THE RIGHT OF THE JOYSTICK. INCLUDES AN EXTRA LONG CABLE TO REACH THE CIRCUITRY MODULE. REQUIRES CB REMOTE DISPLAY. REQUIRES THAT YOU ORDER CC MOUNT OR POWER CC MOUNT (SEE HAND & CHIN CONTROL MOUNTS & EXTENSIONS SECTION) IN ORDER TO ATTACH THE CONTROL TO THE CHAIR. SEE ALSO BIB MOUNT CHIN CONTROL. INCLUDES STANDARD MINI-BALL JOYSTICK KNOB. DOES NOT INCLUDE CHIN CUP.

B6029 ACDC. ATTENDANT CONTROL / DUAL CONTROL. MOUNTS ON BACK OF CHAIR FOR USE BY ATTENDANT. ACDC IS SUPPLIED IN ADDITION TO DRIVER CONTROL. ACDC INCLUDES POWER, SELECT AND ACDC AUX SW. CAN BE PROGRAMMED TO OPERATE SIX DIFFERENT WAYS: 1) DRIVER CONTROL ONLY, 2) DUAL CONTROL (ATTENDANT IS SLAVE), 3) DUAL CONTROL (ATTENDANT AND DRIVER CONTROLS ARE EQUAL), 4) DUAL CONTROL (ATTENDANT IS MASTER), 5) ATTENDANT CONTROL ONLY AC (ATTENDANT CONTROL USES DRIVE AC ONLY), AND 6) ATTENDANT CONTROL MIMICS DRIVER CONTROL (ATTENDANT CONTROL USES DRIVES A-F, NOT AC).

B6031 AC ONLY. ATTENDANT CONTROL ONLY (NO DRIVER CONTROL). THE STANDARD DRIVER HAND CONTROL IS SET UP TO BE MOUNTED ON THE REAR OF THE CHAIR FOR USE BY AN ATTENDANT. THE ATTENDANT CONTROL BOX INCLUDES POWER, SELECT AND AUX SW AS WELL AS A COMPLETE DISPLAY. THERE IS NO USER'S CONTROL BOX ON THE CHAIR.

B6039 CB JRP. JOYSTICK RETENTION PLATE. IDEAL FOR USERS WITH SPASTICITY OR ARE OTHERWISE HARD ON THEIR JOYSTICKS.

B6041 CUS CB. CUSTOM HAND, FOOT, HEAD OR CHIN CONTROL. WE CAN FABRICATE MANY DIFFERENT TYPES OF CUSTOM HAND, FOOT, HEAD OR CHIN CONTROLS TO MEET YOUR SPECIFIC NEEDS. CONTACT THE FACTORY FOR MORE INFORMATION.

## HAND & CHIN CONTROL MOUNTS & EXTENSIONS

B6111 STD HC MOUNT. STANDARD HAND CONTROL MOUNT. STANDARD HAND CONTROL MOUNT IS NOW THE SAME AS THE OLD CLOSE IN MOUNT. NEW IMPROVED DESIGN.

B6115 SA EXT. SWINGAWAY HAND CONTROL EXTENSION SLIDE. VERY STURDY. SWINGS OUT TO SIDE AND BACK.

B6116 MIDLINE HC EXT. MIDLINE HAND CONTROL EXTENSION SLIDE. SWINGS UP TO SIDE. SPECIFY LEFT OR RIGHT MOUNT.

B6121 CC MOUNT. CHIN CONTROL MOUNT. MOUNTS ON BACKPOST TUBING ON EITHER SIDE. FULLY ADJUSTABLE WITH SWING TO SIDE FEATURE.

B6122 POWER CC MOUNT. POWER CHIN CONTROL MOUNT. INSTALL POWER CHIN CONTROL MOUNT INSTEAD OF STANDARD HAND CONTROL MOUNT. SPECIFY LEFT OR RIGHT MOUNT. ACTUATOR SWINGS CHIN CONTROL AND BOOM TO SIDE ABOUT 90 DEGREES WHEN CONTROL SWITCH IS OPERATED. BI-DIRECTIONAL MOMENTARY TOGGLE SWITCH CONTROL IS STANDARD. SWITCH CAN BE MOUNTED ANYWHERE CONVENIENT TO USER OR ATTENDANT. OTHER CUSTOM CONTROL SWITCHES AND

Stk#	Note
	METHODS OF CONTROL ARE POSSIBLE. LEFT AND RIGHT HAND MODELS AVAILABLE. CONTACT THE FACTORY FOR ADDITIONAL INFORMATION.
B6131	CC BIB MOUNT. CHIN CONTROL BIB MOUNT. SPECIFY HARD OR SOFT BIB COLAR. DOES NOT INCLUDE CHIN CUP.
B6172	CUS EXT SLIDE. CUSTOM EXTENSION SLIDE. CLOSE IN, STRAIGHT, CUSTOM HEIGHT, ETC. TELL US WHAT YOU NEED.

## DRIVE MODULES

UE1D PREMIUM 6-PROGRAM WHEELCHAIR ELECTRONICS & OPTIONS

B6241 UE1D V66P. UE1D V66P ELECTRONICS. THIS ITEM STANDARD ON BPH PWC W/ ELECT, BPH PWB W/ ELECT, BBH PWC W/ ELECT, AND BBH PWB W/ ELECT. FEATURES 6 USER SELECTABLE PROGRAMS WITH BI-DIRECTIONAL SELECT SWITCH, BATTERY CONDITION METER, BRAKE CONTROL (DRIVE CHAIR/SET BRAKES) FOR PRECISION STOPS ON HILLS AND LIFTS, SMART BRAKE REL SWITCH (OPERATE CHAIR/RELEASE BRAKES) FOR EASY MOVING AND SHOVING OF CHAIR BY AN ATTENDANT, AND AUX POWER OUTPUT TO POWER LOW CURRENT DEVICES SUCH AS TAILLIGHTS WHEN UE1D POWER IS TURNED ON. CAN BE PROGRAMMED BY MEANS OF UE1D OR UE1E PROGRAMMER. INCLUDES BUILT IN DIAGNOSTICS AND LIMITED THROUGH-THE-JOYSTICK PROGRAMMING.

B6242 UE1D V66N. UE1D V66N ELECTRONICS. SIMILAR TO UE1D V66P ABOVE EXCEPT ADDS EMERGENCY STOP AND LOCKOUT SWITCH INPUTS. SPECIFY FOR EACH LOCKOUT SWITCH IN THE SYSTEM IF IT IS TO BE A STOP, LOW OR MED SPEED LOCKOUT SWITCH.

B6242S UE1D V66N ESS. UE1D V66N WITH EMERG STOP SWITCH. INCLUDES A N.C. (NORMALLY CLOSED) EMERGENCY STOP SWITCH.

UE1E PREMIUM 6-PROGRAM PSS/ECU WHEELCHAIR ELECTRONICS & OPTIONS

B6271 UE1E V66P. UE1E V66P ELECTRONICS (FOR JOYSTICK CONTROL OF POWER SEATING SYSTEMS). FEATURES 6 USER SELECTABLE PROGRAMS WITH BI-DIRECTIONAL SELECT SWITCH, BATTERY CONDITION METER, BRAKE CONTROL (DRIVE CHAIR/SET BRAKES) FOR PRECISION STOPS ON HILLS AND LIFTS, SMART BRAKE REL SWITCH (OPERATE CHAIR/RELEASE BRAKES) FOR EASY MOVING AND SHOVING OF CHAIR BY AN ATTENDANT, AND AUX POWER OUTPUT TO POWER LOW CURRENT DEVICES SUCH AS TAILLIGHTS WHEN UE1E POWER IS TURNED ON. CAN BE PROGRAMMED BY MEANS OF UE1E PROGRAMMER. INCLUDES BUILT IN DIAGNOSTICS AND TWO ECU OUTPUTS THAT CAN CONTROL UP TO 2A LOADS DIRECTLY WITHOUT ADDITIONAL RELAYS. ALSO INCLUDES THROUGH-THE-JOYSTICK CONTROL OF 6 POWER SEATING FUNCTIONS. UE1E RELAY BOX IS INCLUDED.

B6272 UE1E V66N. UE1E V66N ELECTRONICS. SIMILAR TO UE1E V66P ABOVE EXCEPT ADDS EMERGENCY STOP AND LOCKOUT SWITCH INPUTS. SPECIFY FOR EACH LOCKOUT SWITCH IN THE SYSTEM IF IT IS TO BE A STOP, LOW OR MED SPEED LOCKOUT SWITCH.

B6272S UE1E V66N ESS. UE1E V66N WITH EMERG STOP SWITCH. INCLUDES A N.C. (NORMALLY CLOSED) EMERGENCY STOP SWITCH.

B6274 UE1E RB SEP REC SW. ADD SEPARATE RECLINE SWITCH IN ADDITION TO JOYSTICK CONTROL OF POWER SEATING. TYPICALLY THE SEPARATE SWITCH IS PLACED AT THE REAR OF THE ARM SO THAT THE USER CAN CONTROL THE RECLINER WHEN IT IS FULLY RECLINED. PREVENTS GETTING STUCK IN THE FULLY RECLINED POSITION.

B6275 UE1E RB SEP TILT SW. ADD SEPARATE TILT SWITCH IN ADDITION TO JOYSTICK CONTROL OF POWER SEATING. TYPICALLY THE SEPARATE SWITCH IS PLACED AT THE REAR OF THE ARM SO THAT THE USER CAN CONTROL THE TILT SYSTEM WHEN IT IS FULLY TILTED. PREVENTS GETTING STUCK IN THE FULLY TILTED POSITION.

B6279 UE1E PRGMR. UE1E PROGRAMMER. CAN ALSO BE USED TO PROGRAM A UE1D.

UE1G PREMIUM 6-PROGRAM WHEELCHAIR ELECTRONICS & OPTIONS

B6291 UE1G V14. UE1G V14 ELECTRONICS. INCLUDES UE1G DRIVE MODULE AND HAND CONTROL.

## DX PROGRAMMABLE ELECTRONICS

CONTACT FACTORY FOR AVAILABILITY AND PRICING.

ASL (ADAPTIVE SWITCH LABS) WHEELCHAIR CONTROL SYSTEMS

PG DRIVES PROGRAMMABLE ELECTRONICS

## DRIVE MODULE MOUNTS

B6702 USM HF. DRIVE MODULE MOUNTED UNDER H-FRAME WHEELCHAIR SEAT. DRIVE MODULE MOUNTED VERTICALLY UNDER SEAT BETWEEN MOTORS AND BATTERY BOX, OR HORIZONTALLY UNDER SEAT PAN. SOMETIMES, ALTERNATE LOCATIONS ARE NECESSARY, DEPENDING UPON THE EXACT CHAIR CONFIGURATION.

B6706 OBBM HF. DRIVE MODULE MOUNTED OVER H-FRAME BATTERY BOX. DRIVE MODULE MOUNTED HORIZONTALLY OVER BATTERY BOX. THIS ITEM IS REQUIRED FOR CHAIRS WITH PSE2 OR SHORT BASE CHAIRS WITH PTS.

## RESPIRATOR & OXYGEN BOTTLE MOUNTS

B6801 RESP SHELF. FIXED POSITION RESPIRATOR SHELF. VERY STURDY SHEET METAL SHELF IS WELDED IN PLACE ON BACKPOST TUBING, USUALLY JUST BELOW PUSH HANDLES. APPROXIMATELY 20" WIDE X 10" DEEP. CUSTOM SIZES AVAILABLE. PUSH HANDLES SOMETIMES FLARED FOR CLEARANCE ON NARROW CHAIRS. CONTACT FACTORY FOR MORE INFORMATION.

B6803 RESP GIMBAL SHELF. GIMBAL MOUNTED RESPIRATOR SHELF. FOR CHAIRS WITH TILT AND RECLINE THAT REQUIRE THAT RESPIRATOR BE KEPT APPROXIMATELY LEVEL WITH GROUND.

B6811 RESP BBOX U1. SINGLE U1 BATTERY BOX MOUNTED ON SHELF (SPECIFY LOCATION; FOR RESPIRATORS). SHELF USUALLY LOCATED UNDER SEAT NEAR FRONT OF CHAIR. REMOVABLE U1

# BOUNDER Plus H-FRAME POWER WHEELCHAIR

21st Century SCIENTIFIC, Inc. (800) 448-3680 (208) 667-8800 FAX (208) 667-6600

e-mail: 21st@wheelchairs.com www.wheelchairs.com

Stk#	Note
	BATTERY BOX IS HELD ON TRAY WITH A STRAP. ALTERNATE LOCATIONS SUCH AS ON THE SHELF NEXT TO OR BELOW THE RESPIRATOR ARE ALSO AVAILABLE. CONTACT FACTORY FOR MORE INFORMATION.

## MOTORS & BRAKES

**B7003N** ST3M&B NC. BOUNDER PLUS & BIG BOUNDER SUPER TORQUE 3 MOTORS & BRAKES N/C. NO CHARGE ON BOUNDER PLUS AND BIG BOUNDER. ST3M&B ADD ADDITIONAL TORQUE, INCREASED SPEED AND GREATER RANGE COMPARED TO STD ST1M&B MOTORS. STRONGLY RECOMMENDED FOR USERS WHO OPERATE IN HILLS, ON ROUGH TERRAIN OR WHO WEIGH OVER 250 LBS. REQUIRES UE1D, UE1E OR UE1G ELECTRONICS FOR BEST PERFORMANCE. ST3M&B ARE REQUIRED FOR ALL CHAIRS USING SPECIALTY CONTROLS WITH DX ELECTRONICS (NOTE THAT THE SPEED OF THE CHAIR MUST BE LIMITED TO ABOUT 5 OR 6 MPH, AND OFTEN MUCH LESS). ST3M&B CAN ALSO BE USED WITH PROPORTIONALLY CONTROLLED (HAND OR CHIN CONTROLLED) DX ELECTRONICS, BUT THE SPEED OF THE CHAIR MUST BE LIMITED TO ABOUT 6 OR 7 MPH.

**B7006N** ST1SM&B NC. SUPER TORQUE 1S MOTORS & BRAKES N/C (FOR EXTRA NARROW BASE ONLY). THIS IS THE ONLY MOTOR AVAILABLE WHEN THE EXTRA NARROW BASE IS ORDERED. ONLY AVAILABLE WITH 22 TOOTH MOTOR PANTHER SPROCKETS.

## DRIVE WHEEL OPTIONS

**B7054** DW 13M SMOOTH. 12.75"x4.00" METAL DRIVE WHEELS W/ SMOOTH TIRES. FOR H-FRAMES ONLY. TIRES SIZES CAN VARY, DEPENDING UPON TIRE SUPPLIED, BETWEEN 12.15"x4" AND 12.75"x4".

**B7055** DW 13M KNOBBY. 12.75"x4.00" METAL DRIVE WHEELS W/ KNOBBY TIRES. FOR H-FRAMES ONLY. TIRES SIZES CAN VARY, DEPENDING UPON TIRE SUPPLIED, BETWEEN 12.15"x4" AND 12.75"x4".

## PANTHER DRIVES (Slower speeds can be programmed through the electronics)

**B7358H** P28H. 11.6 MPH 28 TOOTH MOTOR PANTHER SPROCKETS. 2.8" PD PANTHER SPROCKET (FOR USE WITH ST3M&B ONLY)

**B7359H** P26H. 10.8 MPH 26 TOOTH MOTOR PANTHER SPROCKETS. 2.6" PD PANTHER SPROCKET (FOR USE WITH ST3M&B ONLY)

**B7360H** P24H. 10.0 MPH 24 TOOTH MOTOR PANTHER SPROCKETS. 2.4" PD PANTHER SPROCKET (FOR USE WITH ST3M&B ONLY)

## CASTER WHEEL & FORK OPTIONS

### VEHICLE TIEDOWNS

**B7602** TD DSI. WELD IN DRIVING SYSTEMS TIEDOWN BAR. DSI TIEDOWN BAR IS WELDED INTO THE WHEELCHAIR FRAME DURING CONSTRUCTION.

## BATTERY BOXES

**B7713** BBOXD24. DUAL GROUP 24 SLIDING BATTERY BOX. REQUIRED FOR H-FRAMES USING THE NARROW 23.5" WIDE BASE AND SOME CHAIRS WITH SUSPENSION. NO CHARGE WHEN NARROW BASE OR SUSPENSION IS ORDERED. ALSO REQUIRED FOR 14" WIDE CONVENTIONAL FRAME CHAIRS

**B7715** BBOXD22NF. DUAL GROUP 22NF BATTERY BOX. NO CHARGE WHEN EXTRA NARROW 21.5" BASE WIDTH IS ORDERED.

## BATTERIES

### BATTERY CHARGERS

LESTER DEEP CYCLE DUAL MODE CHARGERS CHARGE GEL-CELL AND CONVENTIONAL LEAD-ACID BATTERIES. USES INDUSTRY STANDARD XLR 3 PIN CONNECTOR. 8 AMP CHARGERS INCLUDE AN AMMETER. 12 AMP CHARGERS DO NOT HAVE AN AMMETER.

**B7904** BCDM12. DUAL MODE 12A LESTER AUTO CHARGER. TYPICALLY NEEDED ONLY BY USERS WHO CANNOT CHARGE AT LEAST 8 HOURS PER NIGHT. NOT FOR USE WITH DX OR PG DRIVES ELECTRONICS.

**B7908** BCDM12W. DUAL MODE 12A LESTER WORLD-WIDE AUTO CHARGER. SIMILAR TO STD BCDM12 EXCEPT INCLUDES A 110-220V SELECTION SWITCH. CAN BE USED IN MOST FOREIGN COUNTRIES. ADAPTER PLUGS (NOT INCLUDED) MAY BE NEEDED IN SOME LOCATIONS

**B7911** NBC. CREDIT FOR NO BATTERY CHARGER. CREDIT APPLIES TO POWER WHEELCHAIRS AND GURNEYS ONLY! CREDIT NOT AVAILABLE FOR MANUAL CHAIRS OR MANUAL GURNEYS.

## ACCESSORIES

**B8007** HL2. 2ND HEADLAMP. CURRENT DRAW FOR COMPLETE TWO HEADLAMP SYSTEM: 3.80A @ 24V.

**B8021** HORN. 24V ELECTRIC HORN. THIS 24V HORN IS LOUD! THE CONTROL SWITCH (HORN BUTTON) CAN BE MOUNTED ON THE WHEELCHAIR TUBING AT ANY CONVENIENT LOCATION. COMPATIBLE WITH MOST 24V POWER WHEELCHAIRS. ONE YEAR WARRANTY INCLUDED. TOGGLE SWITCH TYPE HORN BUTTON WILL BE SUPPLIED UNLESS YOU SPECIFICALLY REQUEST A PUSH-BUTTON SWITCH.

**B8032** LB2. ELECTRIC LEG BAG EMPTIER 2. ELECTRIC LEG BAG EMPTIER 2 ALLOWS THE USER TO DRAIN HIS/HER LEG BAG WITHOUT ASSISTANCE. THIS ENCOURAGES INCREASED FLUID INTAKE, WHICH CAN REDUCE THE LIKELIHOOD OF URINARY TRACT INFECTION. THIS PACKAGE INCLUDES A 24V ELECTRIC PINCH VALVE WITH MANUAL RELEASE TAB THAT IS USUALLY STRAPPED AROUND THE USER'S ANKLE, THOUGH IT CAN BE MOUNTED ON A FOOTPLATE. A DRAIN TUBE EXTENSION THAT IS ATTACHED TO THE LEG BAG DRAIN TUBE IS PINCHED BY THE VALVE. THE LB2 VALVE DOES NOT REQUIRE INTERNAL CLEANING. THE SYSTEM INCLUDES A MOMENTARY TOGGLE SWITCH THAT CAN BE MOUNTED ANYWHERE ON THE WHEELCHAIR TUBING, AND A FUSED BATTERY CABLE. THE SWITCH AND VALVE INCLUDE QUICK DISCONNECT ANDERSON CONNECTORS SO THAT THE WHEELCHAIR FRONT RIGGING AND ARMS CAN BE REMOVED FOR TRANSFER AFTER THE SYSTEM IS INSTALLED. THE LEG BAG DRAIN TUBE EASILY THREADS THROUGH THE PINCH VALVE. LEG BAG AND FRONT RIGGING ARE NOT INCLUDED. KITS FOR CONTROLLING ELECTRIC LEG BAG EMPTIERS BY AN ECU SYSTEM ARE AVAILABLE AT ADDITIONAL COST. PRICE INCLUDES 6 MONTH WARRANTY. CONTACT THE FACTORY FOR MORE INFORMATION.

Stk#	Note
<b>B8041</b>	FAN. FAN WITH HI-OFF-LO SPEED CONTROL. THE PERSONAL FAN CAN BE USED WITH MOST POWER WHEELCHAIRS AND GURNEYS. QUIET TWO SPEED FAN PROVIDES A GENTLY COOLING 45 CFM FLOW (ON HIGH). MOUNTS ON FRONT LOWER ARM OF WHEELCHAIR OR WHEREVER CONVENIENT FOR THE USER. THE KIT INCLUDES A FUSED POWER CABLE AND A TOGGLE SWITCH THAT CLAMPS ON ROUND TUBING. CURRENT DRAW: 0.11A @ 24V IN HIGH. 38.1 DBA. THE FAN SPEED IS ADJUSTABLE BY MEANS OF A HI-OFF-LO TOGGLE SWITCH. GREAT FOR THOSE HOT SUMMER DAYS; A MEDICAL NECESSITY IF VASO-CONSTRICTION AND VASO-DILATION OF YOUR PERIPHERAL VASCULAR SYSTEM IS COMPROMISED.

**B8045** SSAI. SPECIALTY SWITCH ACCESSORY INTERFACE. THIS ITEM ALLOWS A LOW-CURRENT SPECIALTY SWITCH TO BE PLUGGED INTO AN 1/8" PHONO PLUG TO OPERATE AN ACCESSORY (E.G., LIGHTS, HORN ETC.) SWITCH NOT INCLUDED. MOST NORMALLY OPEN MOMENTARY SWITCHES CAN BE USED WITH THIS SYSTEM.

**B8046** 24/12PC. 24V TO 12V POWER CONVERTER. CONVERTS 24 VOLTS TO 12 VOLTS, PROVIDING UP TO 5 AMPS OF POWER. THIS ALLOWS SOME 12 VOLT ACCESSORIES TO BE INSTALLED ON THE WHEELCHAIR.

**B8091** MIRROR. REAR VIEW MIRROR. THIS DETACHABLE REAR VIEW MIRROR HAS A WIDE ANGLE CONVEX HEAD THAT ALLOWS USERS TO SEE TO THE REAR WITHOUT TURNING THEIR HEAD. IT INCREASES SAFETY IN TRAFFIC AND IS ALSO HANDY WHEN BACKING INTO OR OUT OF ELEVATORS. THE MIRROR COMES WITH MOUNTING BRACKET, TELESCOPING SUPPORT MAST AND A QUICK DETACH BRACKET.

## SEAT POSITIONING STRAPS (Do not use as seat belts in vehicles)

CAUTION! DO NOT USE AS SEAT BELTS OR RESTRAINTS IN LICENSED VEHICLES. POSITIONING STRAPS ARE TO BE USED ONLY FOR HOLDING USER IN POSITION WHILE DRIVING THE WHEELCHAIR. FOR WHEELCHAIRS, INDICATE WHETHER LAP OR CHEST MOUNT. FOR GURNEYS, INDICATE DISTANCE TO MOUNT STRAPS FROM FRONT OR REAR OF MATTRESS PAN, LENGTH OF STRAP, AND WHAT PART OF BODY STRAP IS TO GO AROUND. **B8211** PS CUS S. CUSTOM SEAT MOUNT POSITIONING STRAP (SPECIFY BUCKLE TYPE AND LENGTH). REQUIRED FOR ANY POSITIONING STRAP THAT IS NOT 60" LONG. SPECIFY BUCKLE TYPE AND LENGTH.

## CHEST POSITIONING STRAPS (Do not use as seat belts in vehicles)

### WARRANTIES AND SPECIAL SERVICE OPTIONS

#### STANDARD WARRANTIES

**B9022** BP HF PWC WAR. BOUNDER PLUS H-FRAME POWER WHEELCHAIR STANDARD WARRANTY. TWO YEAR WARRANTY ON ENTIRE BOUNDER PLUS POWER WHEELCHAIR. TEN YEAR H-FRAME BASE WARRANTY. FIVE YEAR H-FRAME SEAT WARRANTY. FIVE YEAR SUPER TORQUE 3 MOTOR AND BRAKE DRIVE TRAIN WARRANTY (INCLUDES MOTORS, BRAKES, DRIVE WHEELS AND DRIVE WHEEL PULLEYS/SPROCKETS, BUT EXCLUDES DRIVE BELTS, TIRES, MOTOR PULLEYS/SPROCKETS, INNER TUBES AND BEARINGS). THIS IS A LIMITED WARRANTY AND SOME RESTRICTIONS APPLY.

#### EXTENDED WARRANTIES

#### SPECIAL SERVICE OPTIONS

**B9301** EBO. EMERGENCY BUILD ORDER. BUILD AND SHIP CHAIR AS FAST AS POSSIBLE. CONTACT FACTORY FOR DELIVERY AND UP CHARGE.

**B9302** EEC. ENGINEERING AND EVALUATION CHARGE. CHARGE FOR ENGINEERING AND EVALUATING VERY INVOLVED CUSTOM CHAIRS. CONTACT FACTORY FOR PRICING.