

# **Formula™CG Powered Seating CGE/CGT/CGTE/CGR/CGTR/CGTRE**

**For  
3G Storm Series® &  
TDX®SP/SP-GT/SR  
Power Wheelchairs**



*Yes, you can.*

## Parts Catalog Usage Guide

The information contained in this document is subject to change without notice. This catalog contains service parts for Form No. 06-106. If you have any questions regarding this catalog, please contact one of our Customer Service Representatives.

### For Customer Service Support Call:

**1-800-333-6900**

### For Faxed In Orders Call:

**1-800-678-4682 or**

**1-440-366-0709**

### For Technical Service Call:

**1-800-832-4707**

### Literature Can Be Found at:

**www.invacare.com or**

**1-800-828-6272**

## SYMBOL DEFINITION

Throughout this catalog you will notice letters to draw your attention to specific footnotes which are located at the bottom of the page or below specified charts.

Examples:

A,B,C etc. = Special Comments

NOTE: = General information pertaining to that specific page

NLA = No Longer Available

## HARDWARE MEASUREMENTS

The measurements for the hardware will be listed as follows:

Screws, Bolts Diameter X Thread Count/Pitch X Length

Washers Inside Diameter X Outside Diameter X Thickness

Spacers Inside Diameter X Outside Diameter X Length

For your convenience, we have supplied an area for you to list your Invacare Representatives.

Name	Phone Numbers

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## **A: READ THIS FIRST (THIS CATALOG IS DIFFERENT!)**

Formula CG Powered Seating (CGE/CGT/CGTE/CGR/CGTR/CGTRE) parts catalog information is now divided into three separate catalogs.

The Form Numbers and Cover Titles are listed below.

### **Form # 06-106**

Formula CG Powered Seating  
(CGE/CGT/CGTE/CGR/CGTR/CGTRE)  
For  
3G Storm Series® and TDX®SP/SP-GT/SR

### **Form # 07-077**

Formula CG Powered Seating  
Front Riggings  
For  
3G Storm Series® and TDX®SP/SP-GT/SR

### **Form # 06-110**

MK6i Electronics  
(MK6i Electronics were introduced on or about 10/9/06)

**Use all three form numbers to order a “complete” Parts Catalog.**

# Frame Finishes, Touch-Up Paints and Upholstery Options

## Frame Finishes and Touch-Up Paint

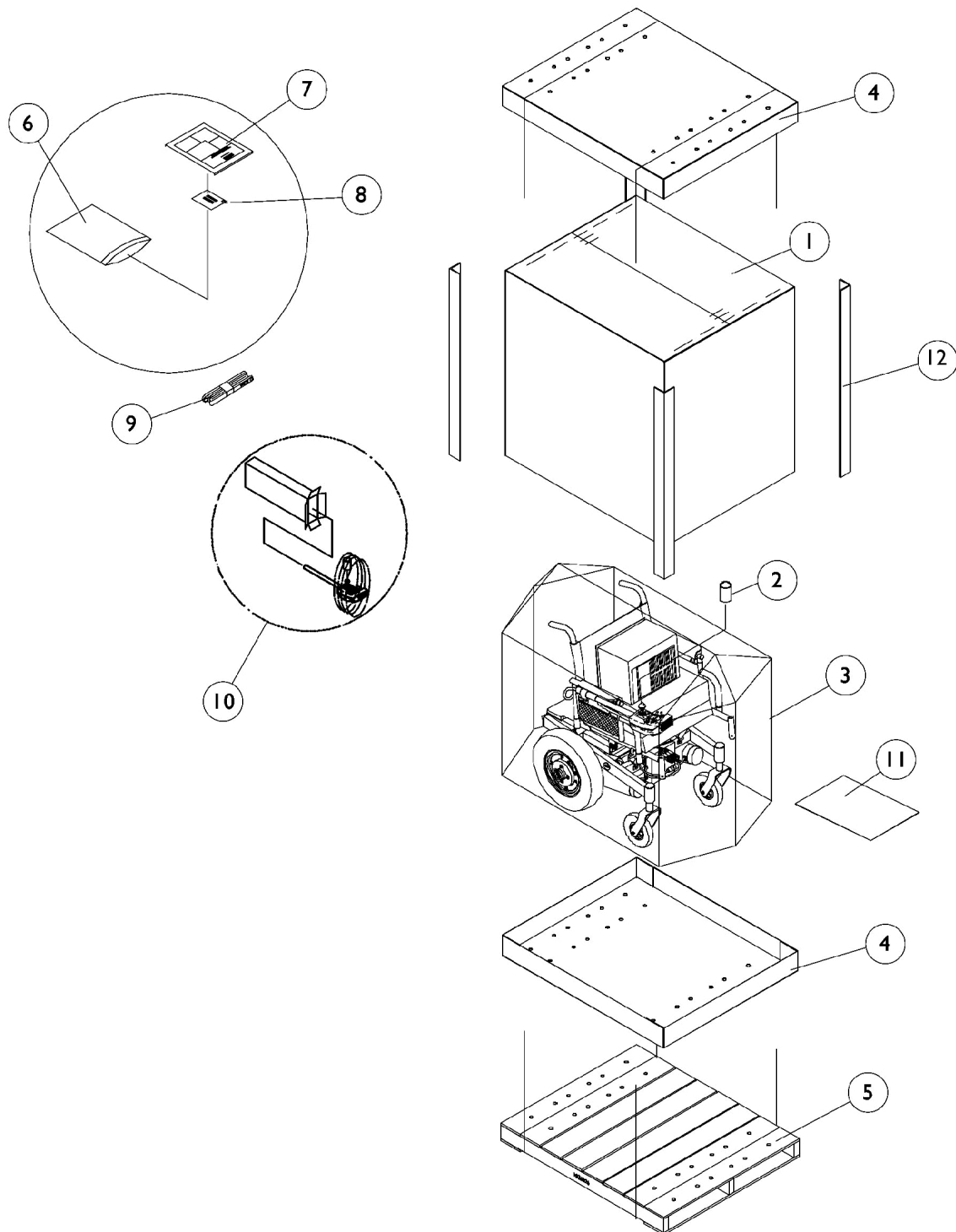
Color Number	Part Number	Bottle Size	Frame Finish
08P	1031456-NLA	.6 oz.	Deep Purple
17P	1046319-NLA	.6 oz.	Cobalt Blue
22P	1033376-NLA	.6 oz.	Anthracite
24P	1031450-NLA	.6 oz.	Wet Black
29P	1031447-NLA	.6 oz.	White/ White Snow
33P	1031455-NLA	.6 oz.	Red
34P	1046327-NLA	.6 oz.	Flat Black
61P	1046321-NLA	.6 oz.	Electric Red
62P	1046320-NLA	.6 oz.	Electric Blue
66P	1046322-NLA	.6 oz.	Electric Purple
69P	1101320-NLA	.6 oz.	Teflon Black
71P	N/A	N/A	Silver Vein
84P	1073896-NLA	.6 oz.	Lavender
101P	1101325-NLA	.6 oz.	Jeweled Green
102P	1101327-NLA	.6 oz.	Denim Blue
104P	1101316-NLA	.6 oz.	Electric Teal
105P	1101326-NLA	.6 oz.	Midnight Blue
115P	N/A	N/A	Black Prism
116P	1133372-NLA	.6 oz.	Sunkissed Orange
117P	1133373-NLA	.6 oz.	Tangerine Red
118P	N/A	N/A	Fruit Fusion
119P	N/A	N/A	Bubblegum Pink
120P	N/A	N/A	Grape Madness
121P	N/A	N/A	Lolly Pop Blue
122P	N/A	N/A	Cosmic Blue
123P	N/A	N/A	Celestial Purple
124P	N/A	N/A	Vivid Violet
125P	N/A	N/A	Emerald Green
126P	N/A	N/A	Shamrock Green
127P	N/A	N/A	Grasshopper Green

# Frame Finishes, Touch-Up Paints and Upholstery Options

## Upholstery Options For ADJASBA Seating w/ Sling Back Upholstery

Nylon Color
U240 Black

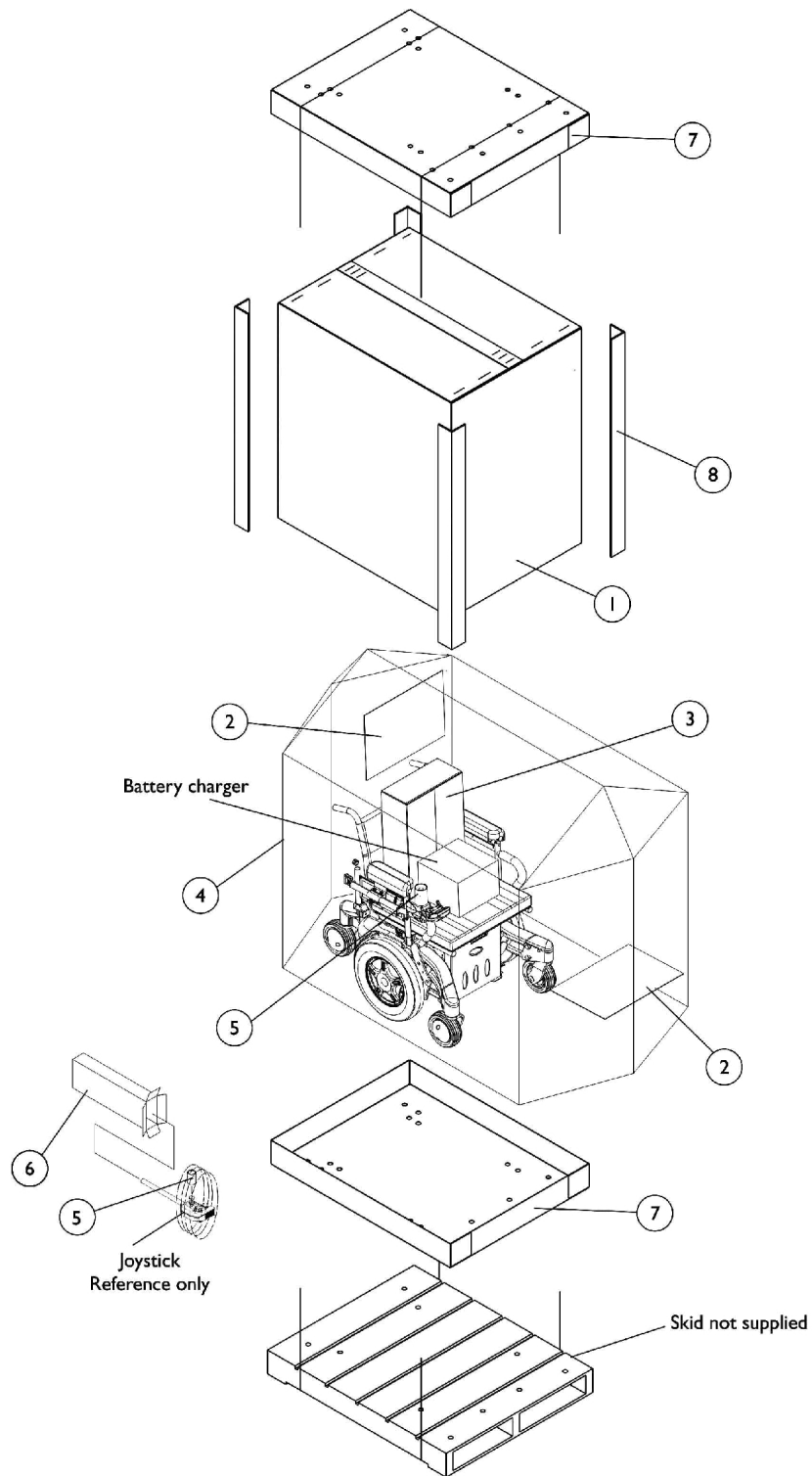
# Packaging and Literature For 3G Storm Series



## Packaging and Literature For 3G Storm Series

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1030364	Carton, Cover	1	1
1	B	1031682	Carton, Cover	1	1
1	C	1036028	Carton, Cover	1	1
2		1043198-NLA	NLA - Tube, Paper	1	1
3		1015609-NLA	NLA - Bag, Poly (28" W x 44" D x 80" H)	1	1
4	D	1030362	Carton, Tray	1	2
4	E	1036027	Carton, Tray	1	2
5	F	See Note	See Footnote	1	1
6		1021149-NLA	NLA - Bag, Poly Zip-Lip (13" L x 9" W)	1	1
7		1143155-NLA	NLA - Owner's Manual, Formula CG Seating	1	1
8		00077X031-NLA	NLA - Warranty Card	1	1
9		50000X121	Strap, Battery Lift	1	1
10	H	1012001-NLA	NLA - Carton, Joystick	1	1
10		40131X011-NLA	NLA - Carton, Front Riggings	1	1
11		40131X161	Insert, Plain Pad	1	1
12	A	1115174	Carton, Corner Reinforcement	1	2
12	B	1129589-NLA	Carton, Corner Reinforcement	1	2
12	C	1129590-NLA	Carton, Corner Reinforcement	1	2
	G	1164348	Mailer, Return, Mercury Free	1	1
<p>NOTE: A - 12"- 20" wide systems with base  B - 16"- 20" wide systems medium/tall seat-to-floor heights with base  C - 21"- 24" wide systems with base  D - 12"- 20" wide systems with base  E - 21"- 24" wide systems with base  F - Skid not supplied  G - For Massachusetts providers only.  H - Use part #40131X011 for a Joystick also.</p> <p>NOTE: When adjusting or replacing parts, please refer to your Owner's Manual for assistance.</p>					

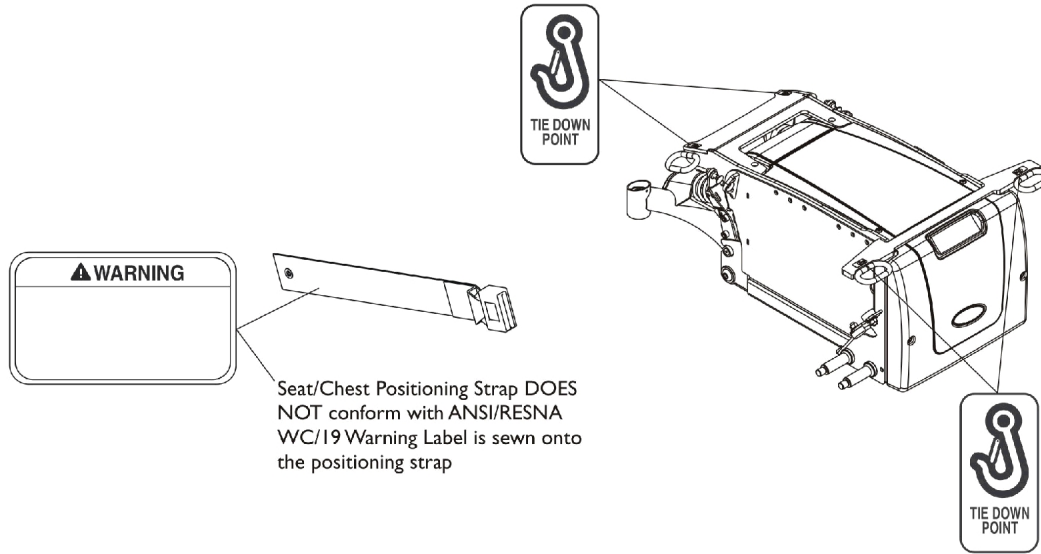
# Packaging and Literature For TDX SP/SP-GT/SR



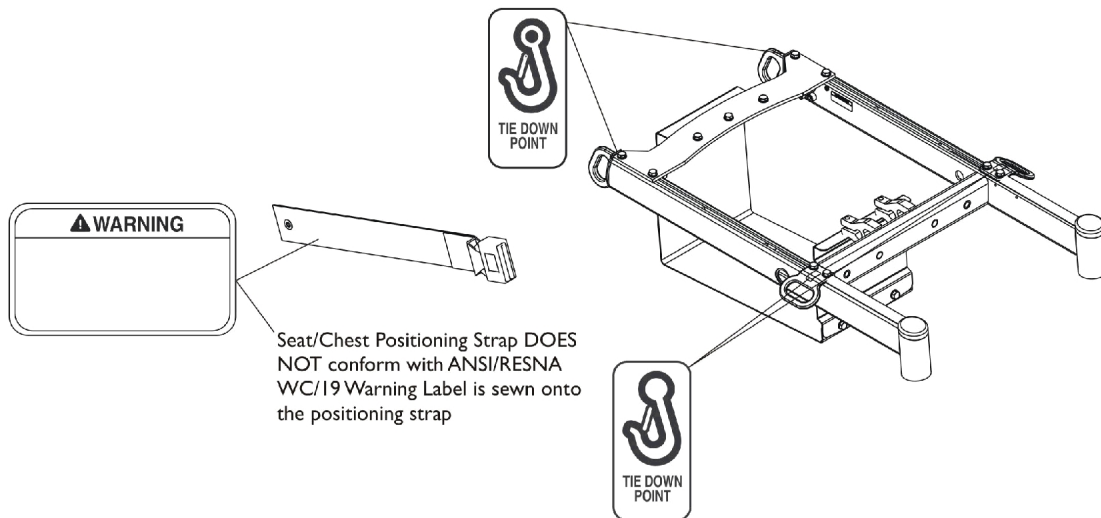
## Packaging and Literature For TDX SP/SP-GT/SR

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1030364	Carton, Cover	1	1
1	B	1031682	Carton, Cover	1	1
1	C	1036028	Carton, Cover	1	1
2		40131X161	Insert, Plain Pad	1	2
3		40131X011-NLA	NLA - Carton, Front Riggings	1	1
4		1015592	Bag, Poly (72" L x 35" W x 19" D)	1	1
5		1043198-NLA	NLA - Tube, Paper	1	1
6		1012001-NLA	NLA - Carton, Joystick	1	1
7	D	1030362	Carton, Tray	1	2
7	E	1036027	Carton, Tray	1	2
8	D	1115174	Carton, Corner Reinforcement	1	4
8	B	1129589-NLA	Carton, Corner Reinforcement	1	4
8	E	1129590-NLA	Carton, Corner Reinforcement	1	4
		00077X031-NLA	NLA - Warranty Card	1	1
	F	1143155-NLA	NLA - Owner's Manual, Formula CG Seating	1	1
	G	1164348	Mailer, Return, Mercury Free	1	1
<p>NOTE: A - 12"-20" wide systems with base  B - 16"-20" wide systems medium/tall seat-to-floor heights with base  C - 21"-24" wide systems with base  D - 12"-20" wide systems with base  E - 21"-24" wide systems with base  F - Not Shown  G - For Massachusetts providers only.</p> <p>When adjusting or replacing parts, please refer to your Owner's Manual for assistance.</p>					

# Label Locations For TRBKTS Option



## TRBKTS Option Label Locations For TDX SP



## TRBKTS Option Label Locations For 3G Storm Series

# TRBKTS Option Clarification Reference

TRBKTS Option is an On-Chair option only.

## About TRBKTS Transport Ready Package

**TRBKTS** includes four factory-installed wheelchair transport brackets. **TRBKTS** has not been crash-tested in accordance with WC 19. Use these transport brackets only to secure an unoccupied wheelchair during transport.

Only use the transport brackets included with **TRBKTS** for the purpose described in the appropriate Owner's Operator and Maintenance Manual.

Battery support brackets **MUST** be installed at all times. Otherwise, the wheelchair will not be WC/19 compliant. Refer to Removing/Installing the Batteries From/Into the Wheelchair in the appropriate Owner's Operator and Maintenance Manual.

As of this date, the Department of Transportation has not approved any tie-down systems for transportation of a user while in a wheelchair, in a moving vehicle of any type. It is Invacare's position that users of wheelchairs should be transferred into appropriate seating in vehicles for transportation and use be made of the restraints made available by the auto industry. Invacare cannot and does not recommend any wheelchair transportation systems.

**NOTE:** ANSI = American National Standards Institute, RESNA = Rehabilitation Engineering and Assistive Technology Society of North America.

# RETROFIT KITS FOR FORMULA CG POWERED SEATING

The following Retrofit Kits are available on **3G Storm Series** by ordering 3GSEAT-CG and launching the configurator:

- ✍ Add Formula CG Tilt to existing ADJASBA seat. (CGTK)
- ✍ Add Formula CG Tilt/Recline to existing ADJASBA seat. (CGTRK)
- ✍ Add Formula CG Recline to existing Formula CG Tilt seat. (CGR2TK)
- ✍ Add Formula CG Tilt to existing Recline (CGTRK) (replaces entire seat with new Tilt/Recline seat)

\*Please contact Invacare Customer Service for other scenarios at 1-800-333-6900.

\*During the injunction phase of the Consent Decree a Verification of Medical Necessity Letter will be required. You may be able to utilize a VMN-Replacement form with inclusion of a clinical statement addressing the medical requirement for the change in seating system.

The following Retrofit Kits are available on **TDXSP/SP-GT** by ordering TDXSPSEAT and launching the configurator:

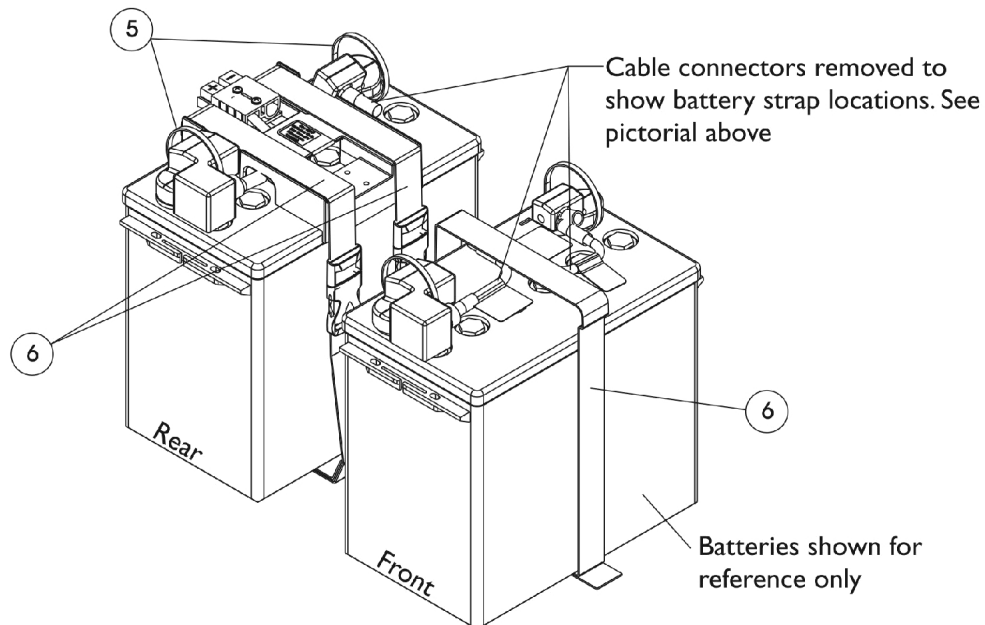
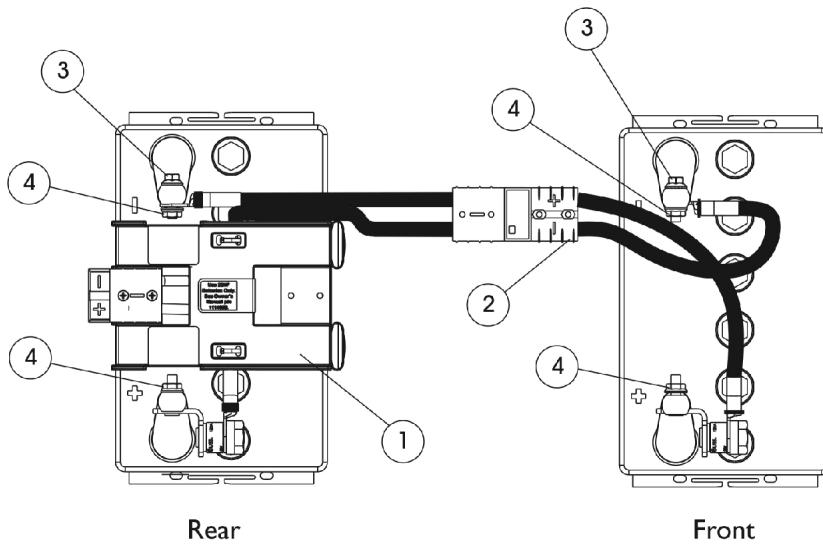
- ✍ Add Formula CG Tilt to existing ADJASBA seat. (CGTK)
- ✍ Add Formula CG Tilt/Recline to existing ADJASBA seat. (CGTRK)
- ✍ Add Formula CG Recline to existing Formula CG Tilt seat. (CGR2TK)
- ✍ Add Formula CG Tilt to existing Recline (CGTRK) (replaces entire seat with new Tilt/Recline seat)

\*Please contact Invacare Customer Service for other scenarios at 1-800-333-6900.

\*During the injunction phase of the Consent Decree a Verification of Medical Necessity Letter will be required. You may be able to utilize a VMN-Replacement form with inclusion of a clinical statement addressing the medical requirement for the change in seating system.

1. No Retrofit Kits will be offered for adding any kind of Elevate System to an ADJASBA System. (see 4 below.)
2. No Retrofit Kits will be offered for adding Tilt or Tilt/Recline to an existing Elevate System. (see 4 below.)
3. If the combination of options is not available on the price sheet, it cannot be done at all.
4. Any change involving elevate and other scenarios may be possible by following the Mechanical Repair Quote Process and returning the wheelchair to Invacare to have repairs/changes made by Invacare Technicians in our factory.

# Battery Wire Harnesses For 22NF Batteries (CGE) For TDX SP/SP-GT/SR

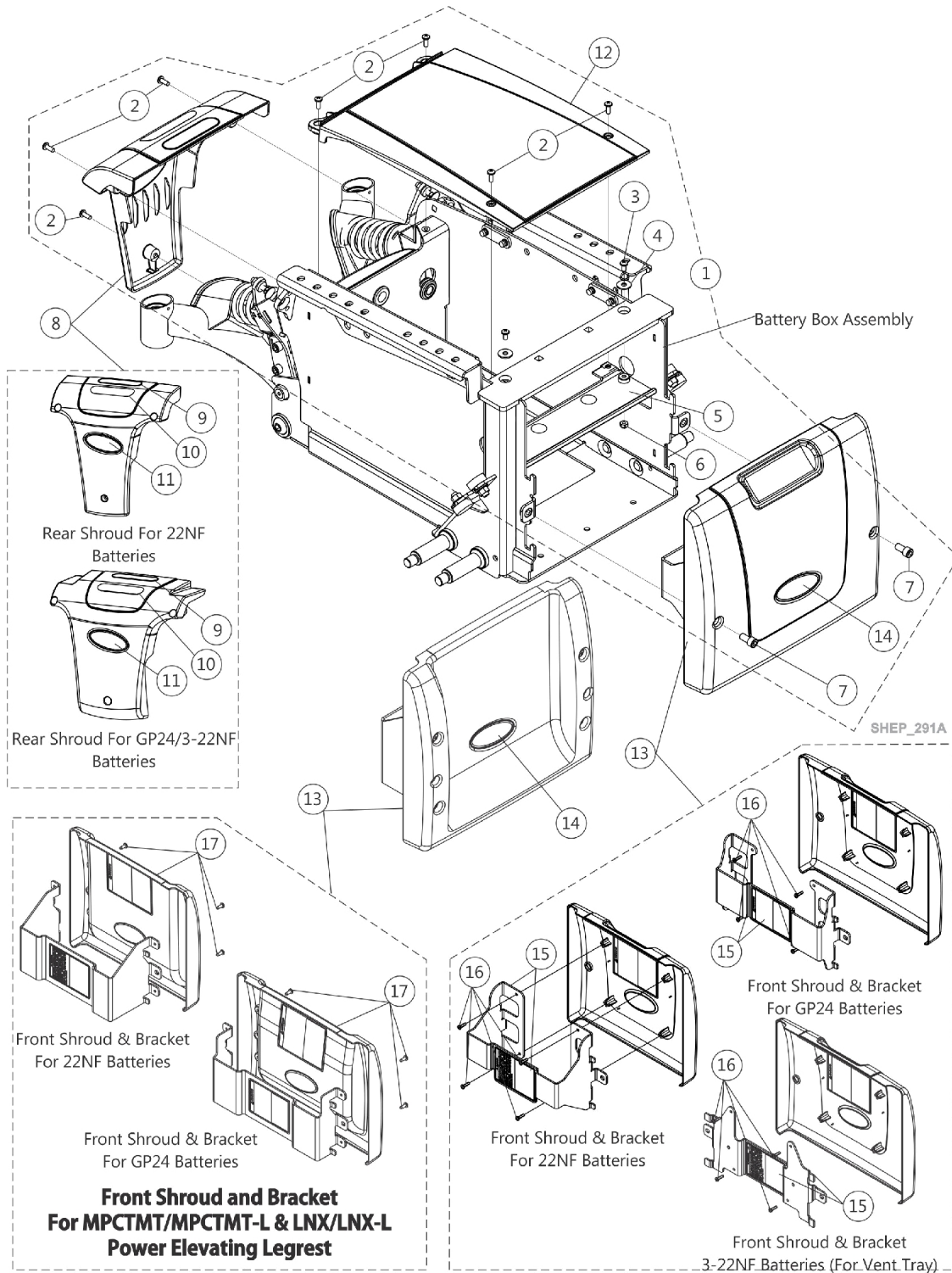


## Battery Wire Harnesses For 22NF Batteries (CGE) For TDX SP/SP-GT/SR

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1147093	Harness, Battery Wire For Elevate Option 22NF, Rear	1	1
2	A	1117223	Harness, Battery Wire For Elevate Option 22NF, Front	1	1
3		1096799-NLA	NLA - Screw, Hex Flange Whiz Lock (1/4-20 x 7/8")	1	2
4		16721X000	Locknut (1/4-20)	1	4
5		1095502-NLA	NLA - Package, Tie Wrap (11-1/2" L)	10	1
6		1095589-NLA	NLA - Battery Strap Assembly	1	3
NOTE: A - Items 3-5 are recommended when a new Battery Wire Harness is ordered					

# Shrouds and Hardware

## CGT/CGR/CGTR - TDX SP/SP-GT/SR



## Shrouds and Hardware

### CGT/CGR/CGTR - TDX SP/SP-GT/SR

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1144651	Kit, Shroud Hardware (For 22NF Batteries)	1	1
2			Screw, Phillips Pan Head (#10-32 x 1/2")	1	7
3			Screw, Phillips Pan Head (#10-32 x 3/8")	1	2
4			Washer (1/4 x 23/32 x 1/16")	1	2
5			Shroud, Isolation	1	1
6			Locknut (#10-32)	1	2
7			Screw, Socket Head w/ Patch (5/16-18 x 5/8")	1	2
1	A	1147115	Kit, Shroud Hardware (For GP24/3-22NF Batteries)	1	1
2			Screw, Phillips Pan Head (#10-32 x 1/2")	1	7
3			Screw, Phillips Pan Head (#10-32 x 3/8")	1	2
4			Washer (1/4 x 23/32 x 1/16")	1	2
5			Shroud, Isolation (For GP24/3-22NF Batteries)	1	1
6			Locknut (#10-32)	1	2
7			Screw, Socket Head w/ Patch (5/16-18 x 5/8")	1	2
8	B,D	1144648	Shroud w/ Decal - Rear	1	1
8	D	1144650	Shroud w/ Decal - Rear (TRRO/TRBKTS)	1	1
8	D	1147039	Kit, Shroud w/ Decals, Rear (GP24/3-22NF Batteries) (TRRO/TRBKTS Option)	1	1
9		1119281-NLA	NLA - Plate, Name, Patent Numbers	1	1
10		1035900	Decal, Transportation	1	1
12		1144643	Shroud, Center	1	1
12		1144644	Shroud, Center (TRRO/TRBKTS)	1	1
12		1147035	Shroud, Center (GP24 Batteries) (TRRO/TRBKTS Option)	1	1
13	C	1144642	Front Shroud and Bracket Assembly, Non-Elevate, Narrow (2-22NF Batteries)	1	1
13	C	1147121	Front Shroud and Bracket Assembly, Non-Elevate, Wide (GP24 Batteries)	1	1
13	C	1147123-NLA	NLA - Front Shroud and Bracket Assembly, Non-Elevate, Wide (3-22NF Batteries For Vent Tray)	1	1
13	E,F	1160940	Front Shroud and Bracket Assembly, Non-Elevate, Narrow (2-22NF Batteries)	1	1
13	E	1160941	Front Shroud and Bracket Assembly, Non-Elevate, Wide (GP24 Batteries)	1	1
15		1145069	Kit, Front Shroud Bracket w/ Decal, Black	1	1
15		1147124	Kit, Front Shroud Bracket w/ Decal, Black (For GP24 Batteries)	1	1
15		1147125-NLA	NLA - Kit, Front Shroud Bracket w/ Decal, Black (3-22NF Batteries For Vent Tray)	1	1
16		1114276	Screw, Phillips Pan Head (#8-16 x 5/8")	1	4
17		1028484	Screw, Phillips Pan Head Tap (#10-32 x 1/2")	1	4

# Shrouds and Hardware

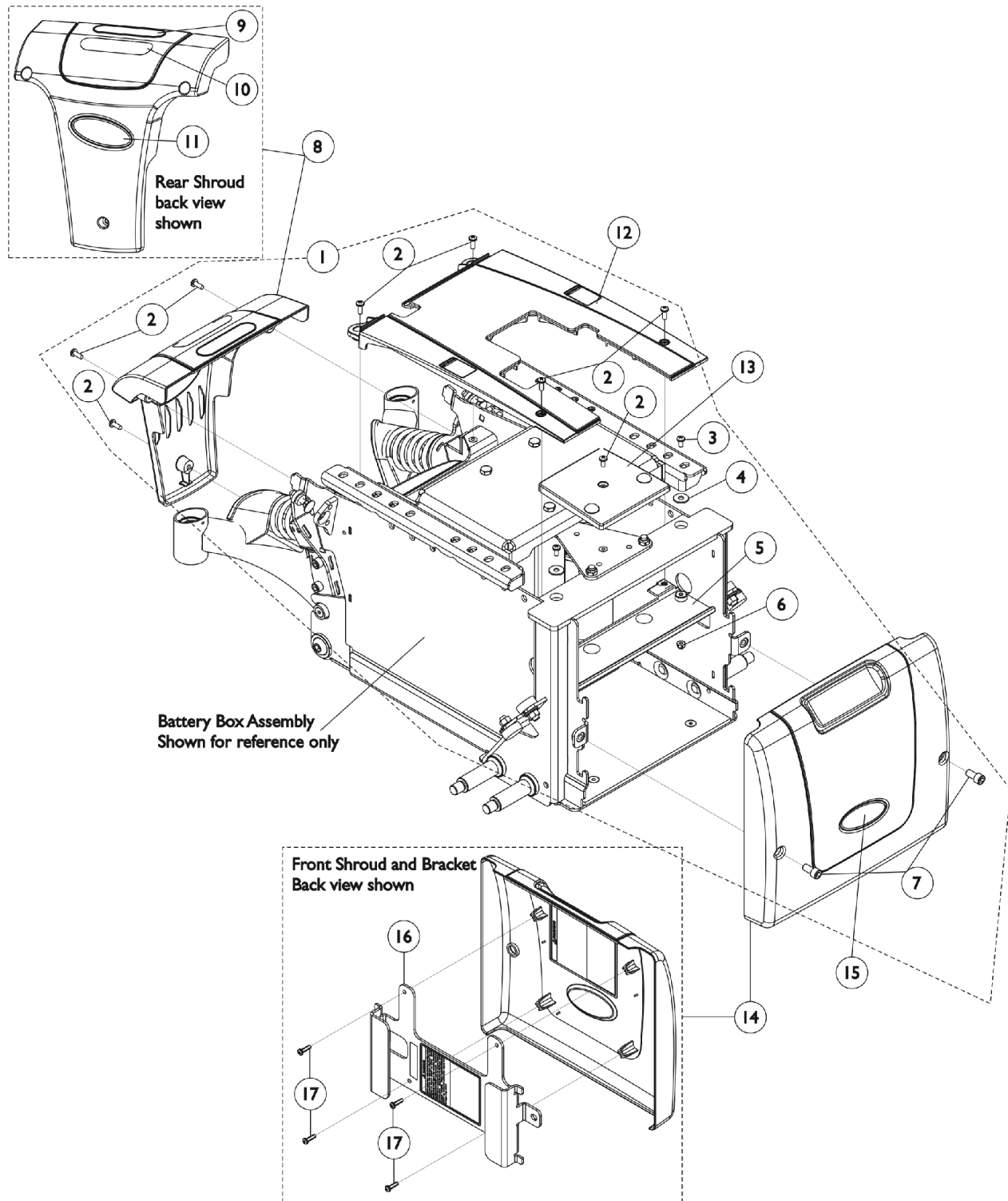
## CGT/CGR/CGTR - TDX SP/SP-GT/SR

NOTE: A - Includes Items 2-7  
B - Includes Items 9-11  
C - Includes Items 15-16  
D - The controller is also covered by the Rear Shroud  
E - Includes the Shroud, Bracket, Decals and item #17. This Front Shroud is used for MPCTMT/MPCTMT-L and LNX/LNX-L Power Elevating Legrest only.  
F - As of 10/24/18 part number 1160940 Front Shroud Assembly was revised to have a more shallow concave design and is backward compatible for wheelchairs manufactured before 10/24/18.

Item #11 and #14 Reflective Decal is not available for sale individually.

# Shrouds and Hardware

## Narrow Battery Box (Before 1/4/08) - CGE - TDX SP



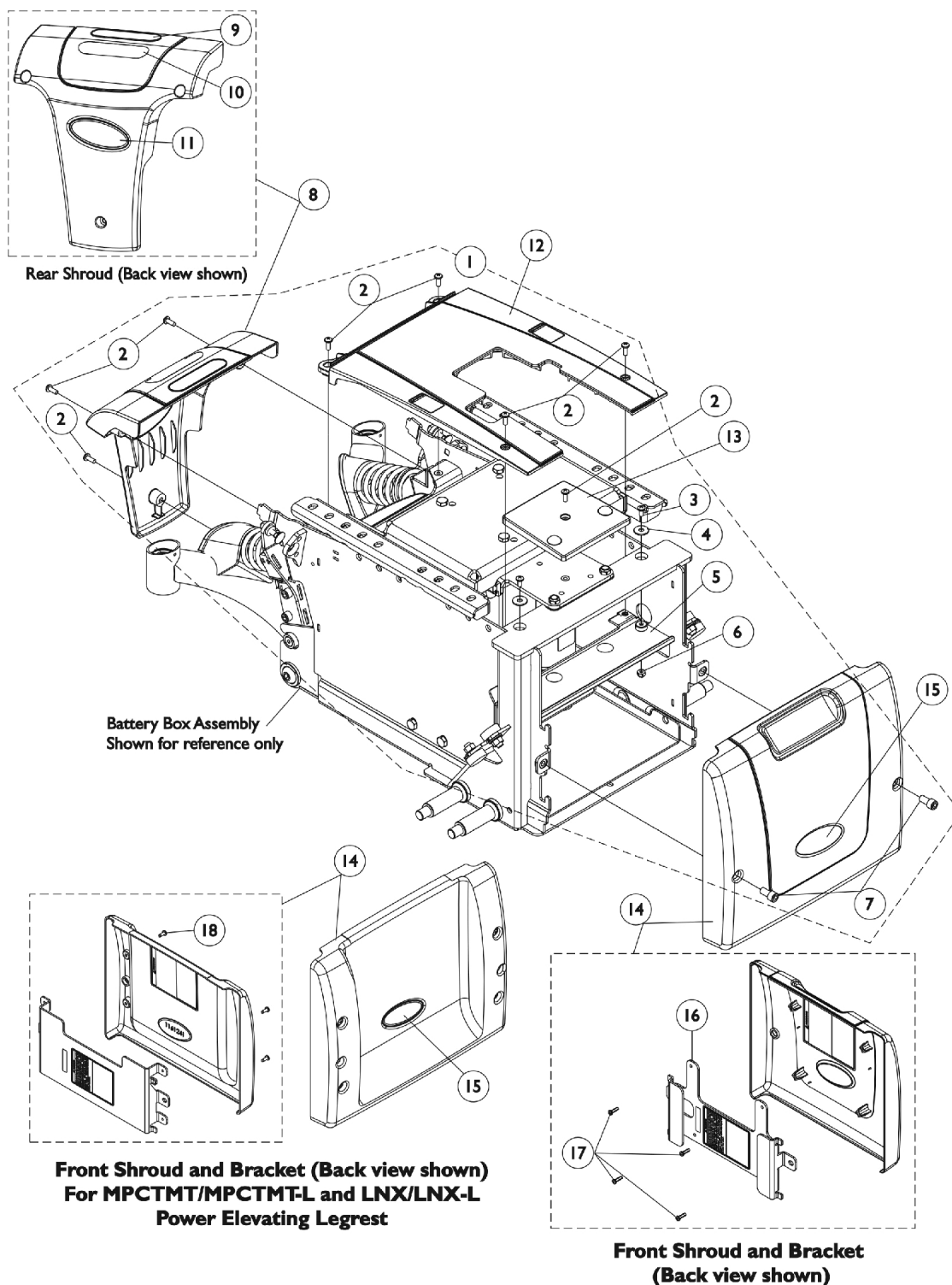
## Shrouds and Hardware

### Narrow Battery Box (Before 1/4/08) - CGE - TDX SP

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A,D	1147162	Kit, Shroud Hardware, Elevate, Narrow Battery Box	1	1
2			Screw, Phillips Pan Head (#10-32 x 1/2")	1	8
3			Screw, Phillips Pan Head (#10-32 x 3/8")	1	2
4			Washer (1/4 x 23/32 x 1/16")	1	2
5			Shroud, Isolation	1	1
6			Locknut (#10-32)	1	2
7			Screw, Socket Head w/ Patch (5/16-18 x 5/8")	1	2
8		1144648	Shroud w/ Decal - Rear	1	1
9		1119281-NLA	NLA - Plate, Name, Patent Numbers	1	1
10		1035900	Decal, Transportation	1	1
12	C	1148235	Shroud w/ Decal, Center, Elevate, Narrow Battery Box	1	1
13		1121693	Shroud, Bracket Support (Elevate)	1	1
14	B	1147101-NLA	NLA - Front Shroud and Bracket Assembly (Elevate) Narrow Battery Box	1	1
16		1148233-NLA	NLA - Kit, Shroud Bracket w/ Decals, Black - Front (Narrow Battery Box)	1	1
17		1114276	Screw, Phillips Pan Head (#8-16 x 5/8")	1	4
NOTE: A - Includes items 2-7 B - Includes Front Shroud and items 16 and 17 C - After 1/3/08 two side cut outs were added to the Center Shroud and is backward compatible for chairs manufactured before 1/4/08 D - For 22NF Batteries.					
Item #11 and #15 Reflective Decal is not available for sale individually.					

# Shrouds and Hardware

(Narrow Battery Box After 1/3/08) & Wide Battery Box - CGE/CGTE/CGTRE -  
TDX SP/SP-GT/SR



## Shrouds and Hardware

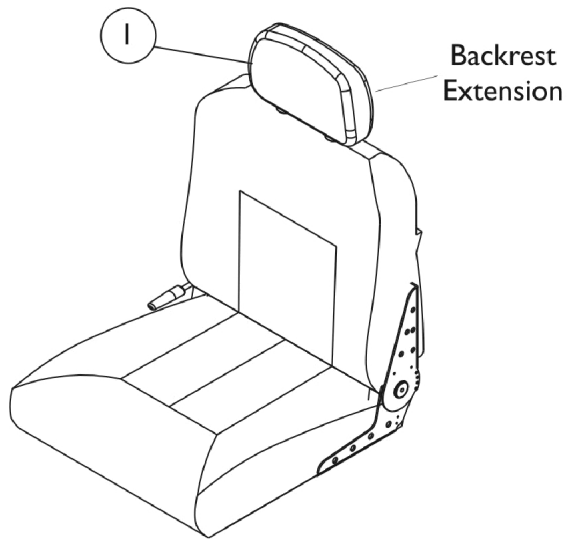
**(Narrow Battery Box After 1/3/08) & Wide Battery Box - CGE/CGTE/CGTRE -  
TDX SP/SP-GT/SR**

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A,E	1147162	Kit, Shroud Hardware, Elevate, Narrow Battery Box	1	1
2			Screw, Phillips Pan Head (#10-32 x 1/2")	1	7
3			Screw, Phillips Pan Head (#10-32 x 3/8")	1	2
4			Washer (1/4 x 23/32 x 1/16")	1	2
5			Shroud, Isolation	1	1
6			Locknut (#10-32)	1	2
7			Screw, Socket Head w/ Patch (5/16-18 x 5/8")	1	2
1	A,F	1134250	Kit, Shroud Hardware, Elevate, Wide Battery Box	1	1
2			Screw, Phillips Pan Head (#10-32 x 1/2")	1	7
3			Screw, Phillips Pan Head (#10-32 x 3/8")	1	2
4			Washer (1/4 x 23/32 x 1/16")	1	2
5			Shroud, Isolation (For GP24/3-22NF Batteries)	1	1
6			Locknut (#10-32)	1	2
7			Screw, Socket Head w/ Patch (5/16-18 x 5/8")	1	2
8		1144648	Shroud w/ Decal - Rear	1	1
9		1119281-NLA	NLA - Plate, Name, Patent Numbers	1	1
10		1035900	Decal, Transportation	1	1
12		1148235	Shroud w/ Decal, Center, Elevate, Narrow Battery Box	1	1
12		1153546	Shroud w/ Decal, Center, Elevate, Wide Battery Box	1	1
13	D	1121693	Shroud, Bracket Support (Elevate)	1	1
2		1026114	Screw, Phillips Pan Head (#10-32 x 1/2")	1	1
14	B	1149789	Front Shroud and Bracket Assembly, Elevate, Narrow Battery Box	1	1
14	B	1149790	Front Shroud and Bracket Assembly, Elevate, Wide Battery Box	1	1
14	C	1160942	Front Shroud and Bracket Assembly, Elevate, Narrow Battery Box	1	1
14	C	1160943	Front Shroud and Bracket Assembly, Elevate, Wide Battery Box	1	1
16		1153876-NLA	NLA - Bracket with Decals, Front Shroud, Narrow Battery Box	1	1
16		1153877	Bracket with Decals, Front Shroud, Wide Battery Box	1	1
17		1114276	Screw, Phillips Pan Head (#8-16 x 5/8")	1	4
18		1028484	Screw, Phillips Pan Head Tap (#10-32 x 1/2")	1	4

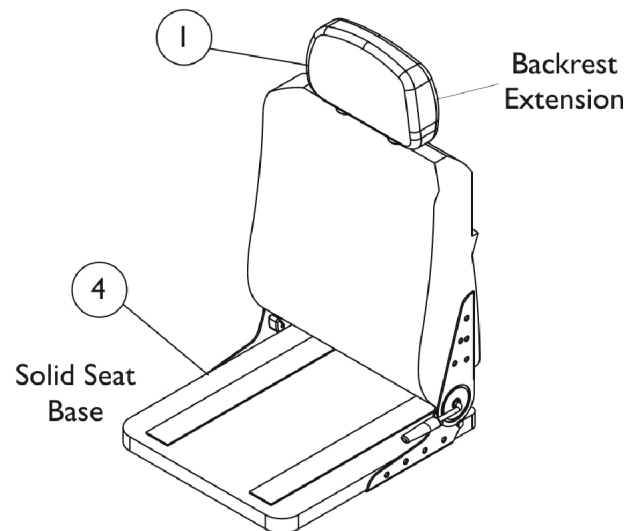
NOTE: A - Includes items 2-7.  
 B - Includes Front Shroud and items 16 and 17.  
 C - Includes Front Shroud, Bracket, items 15 and 18. This Front Shroud is used for MPCTMT/MPCTMT-L and LNX/LNX-L Power Elevating Legrest only.  
 D - Order item #2 Phillips Pan Head Screw to attach the Elevate Support Bracket Shroud.  
 E - For 22NF Batteries.  
 F - For GP24 Batteries.

Item #11 and #15 Reflective Decal is not available for sale individually.

## Van Seat Assembly (CGE) For TDX SP/SP-GT/SR



**#2 Van Seat  
Semi Recline**



**#3 Van Seat  
Semi Recline  
w/ Solid Seat Base**

## Van Seat Assembly (CGE) For TDX SP/SP-GT/SR

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1106969-NLA	NLA - Extension, Backrest, Van Seat, Grey Fabric	1	1
1		1108408	Extension, Backrest, Captain Seat, Grey Vinyl	1	1
1		1106968-NLA	NLA - Extension, Backrest, Van Seat, Tan Vinyl	1	1
2		See Chart	Van Seat (Semi-Recline) Assembly	1	1
3		See Chart	Van Seat (Semi-Recline) w/ Solid Seat Base Assembly	1	1
4	A	1123384-NLA	NLA - Base, Solid, Captain Seat, Grey Vinyl (16" W)	1	1
4	A	1150823	Base, Solid, Van Seat, Grey Vinyl (16" W)	1	1
4	A	1123385-NLA	NLA - Base, Solid, Van Seat, Grey Vinyl (18" W)	1	1
4	A	1159739	Base, Solid, Captain Seat, Grey Vinyl (18" W)	1	1
4	A	1123386-NLA	NLA - Base, Solid, Van Seat, Grey Vinyl (20" W)	1	1
4	A	1159740	Base, Solid, Captain Seat, Grey Vinyl (20" W)	1	1
4	A	1123387-NLA	NLA - Base, Solid, Van Seat, Grey Vinyl (22" W)	1	1
4	A	1159741	Base, Solid, Captain Seat, Grey Vinyl (22" W)	1	1

NOTE: A - Solid Seat Base is the only item available for service parts with regard to the Van Seats. Seat Hinges are not included.

### #2 Van Seat (Semi-Recline) Assembly

Upholstery Type	Van Seat with Backrest 16" Wide	Van Seat with Backrest 18" Wide	Van Seat with Backrest 20" Wide	Van Seat with Backrest 22" Wide	Hinge Bracket w/ Lever Semi-Recline Right	Hinge Bracket w/o Lever Semi-Recline Left	Screw, Phillips Truss Head (1/4-20 x 3/4")
All Grey Fabric	1150811-NLA	1109254-NLA	1159892-NLA	1109256-NLA	1116634 See Note(s) A	1116635 See Note(s) A	5000136 See Note(s) B
All Grey Vinyl	1150810	1109242	1159891	1109244	1116634 See Note(s) A	1116635 See Note(s) A	5000136 See Note(s) B
All Tan Vinyl	1150812-NLA	1109248-NLA	1159893-NLA	1109250-NLA	1116634 See Note(s) A	1116635 See Note(s) A	5000136 See Note(s) B

NOTE: A - Not Shown. Hinge Brackets used for ALL Semi-Recline Seat models only. For attaching Hinge Bracket, see part number 5000136.  
B - Not shown, Screw for Hinge Bracket(s) 1116634 and 1116635. Total of (7) required for each Bracket.

NOTE: Semi-recline Van Seat reclines approximately 90-114 degrees. Adjustable depths are (16, 17, 18" deep for 16 & 18" wide seats) and (18, 19, 20" deep for 20 & 22" wide seats). Recline release levers are standard on the right side. Left side release levers can be ordered as a special with a new van seat.

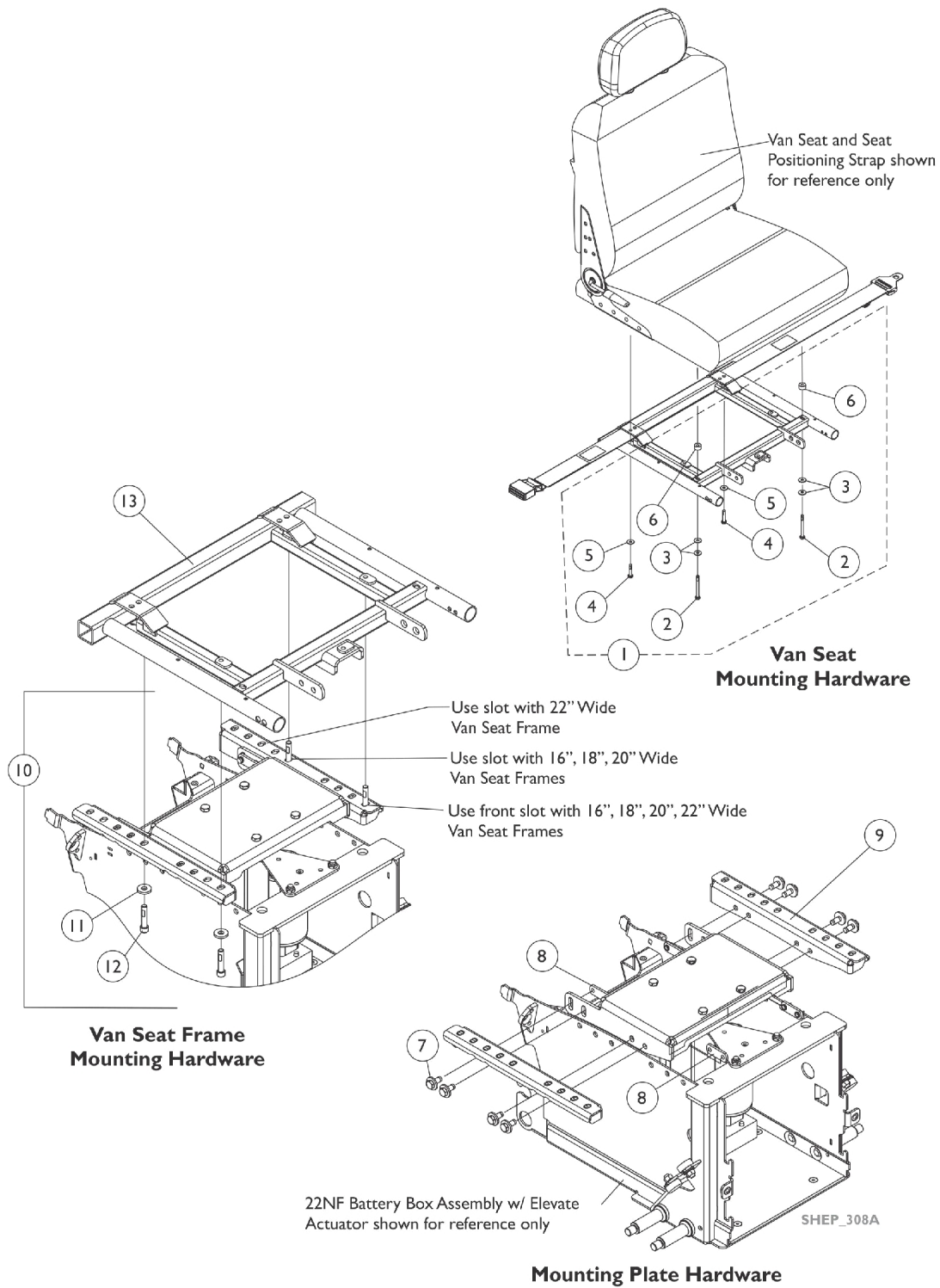
# Van Seat Assembly (CGE) For TDX SP/SP-GT/SR

## #3 Van Seat (Semi-Recline) w/ Solid Seat Base Assembly

Upholstery Type	Van Seat w/ Solid Seat and Backrest 16" Wide	Van Seat w/ Solid Seat and Backrest 18" Wide	Van Seat w/ Solid Seat and Backrest 20" Wide	Van Seat w/ Solid Seat and Backrest 22" Wide	Hinge Bracket w/ Lever Semi-Recline Right	Hinge Bracket w/o Lever Semi-Recline Left	Screw, Phillips Truss Head (1/4-20 x 3/4")
All Grey Fabric	N/A	N/A	N/A	N/A	N/A	N/A	5000136 See Note(s) B
All Tan Vinyl	N/A	N/A	N/A	N/A	N/A	N/A	5000136 See Note(s) B
All Grey Vinyl	1150819	1150820	1159886	1150822	1116634 See Note(s) A	1116635 See Note(s) A	5000136 See Note(s) B
<p>NOTE: A - Not Shown. Hinge Brackets used for ALL Semi-Recline Seat models only. For attaching Hinge Bracket, see part number 5000136.</p> <p>B - Not shown, Screw for Hinge Bracket(s) 1116634 and 1116635. Total of (7) required for each Bracket.</p> <p>NOTE: Semi-recline Van Seat reclines approximately 90-114 degrees. Adjustable depths are (16, 17, 18" deep for 16 &amp; 18" wide seats) and (18, 19, 20" deep for 20 &amp; 22" wide seats). Recline release levers are standard on the right side. Left side release levers can be ordered as a special with a new van seat.</p>							

# Van Seat Frame and Hardware

## Before 1/4/08 (CGE) - TDX SP/SR



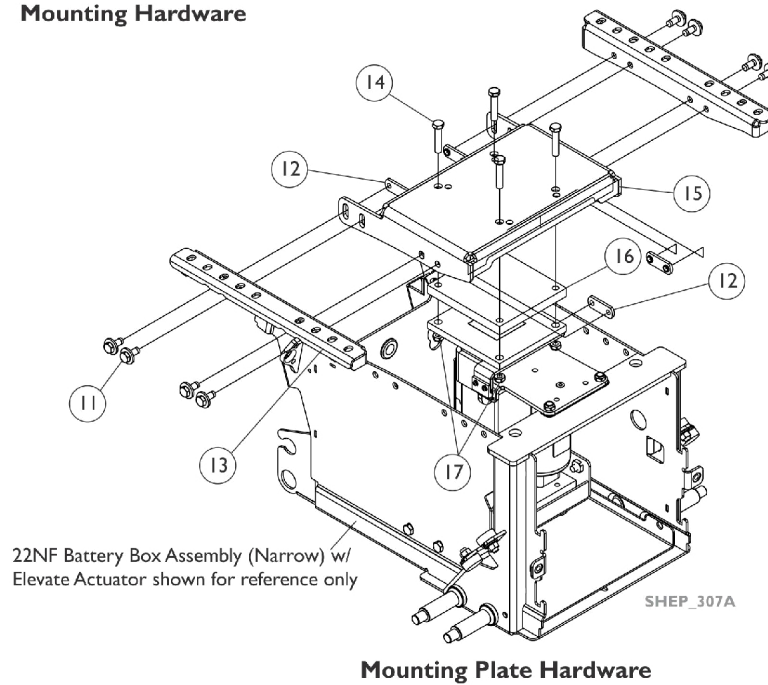
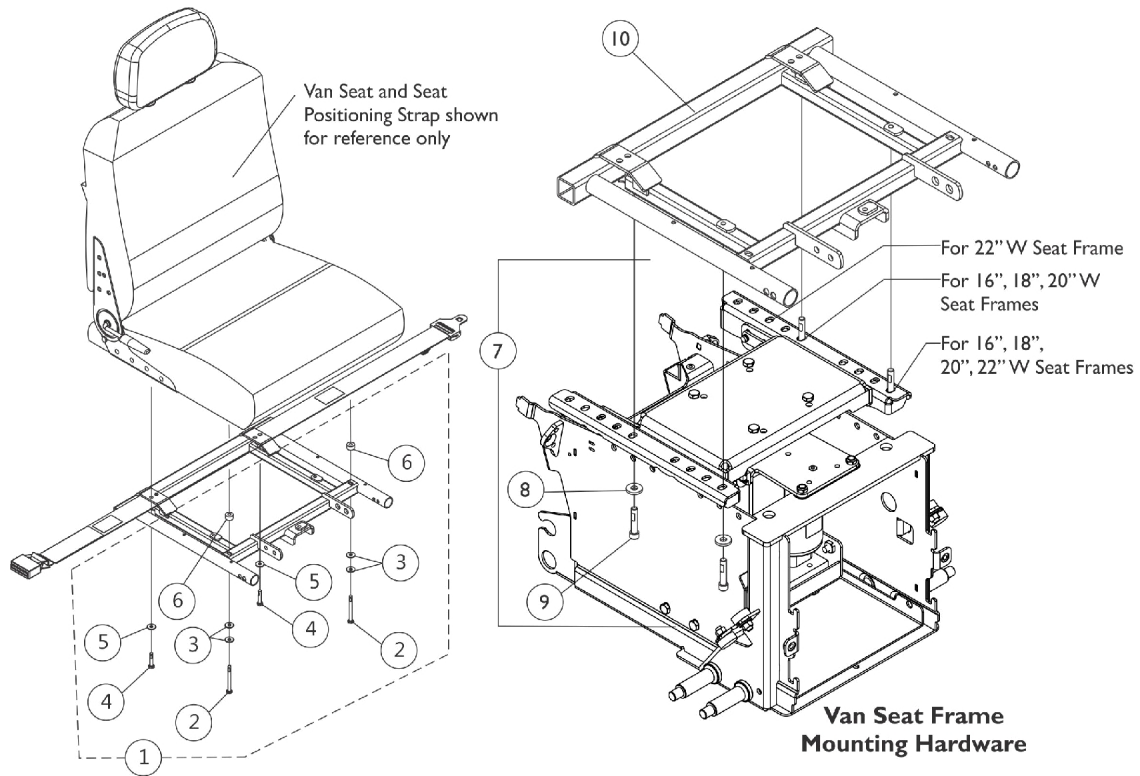
## Van Seat Frame and Hardware

### Before 1/4/08 (CGE) - TDX SP/SR

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1147626	Kit, Captain Seat Mounting Hardware	1	1
2			Screw, Hex Head Cap w/ Patch (1/4-20 x 2-1/4")	1	2
3			Washer, Steel (1/4 x 5/8 x 3/32")	1	4
4			NLA - Screw, Hex Head Cap w/ Patch (1/4-20 x 1")	1	2
5			Washer (1/4 x 23/32 x 1/16")	1	2
6			NLA - Spacer (1/4 x 5/8 x 3/8")	1	2
7	B	1142304	Screw, Hex Head SEMS w/ Patch (5/16-18 x 3/4")	1	8
8		1121721-NLA	NLA - Nut, Weld (5/16-18 x 1-1/8" Spacing)	1	4
9		1121710	NLA - Plate, Elevate Seat Mounting - Right	1	1
9		1121711-NLA	NLA - Plate, Elevate Seat Mounting - Left	1	1
10		1147628	NLA - Kit, Van Seat Frame Mounting (For Formula CG Elevate)	1	1
11			Washer, Flat (21/64 x 53/64 x 7/64")	1	4
12			NLA - Screw, Socket Head w/ Patch (5/16-18 x 1-1/2")	1	4
13		1147088	Frame, Van Seat, Black (16" W)	1	1
13		1147073	Frame, Van Seat, Black (18" W)	1	1
13		1147086	Frame, Van Seat, Black (20" W)	1	1
13		1147082	Frame, Van Seat, Black (22" W)	1	1
NOTE: A - Includes items 2-6. B - Includes items 11 and 12.					

# Van Seat Frame and Hardware

## After 1/3/08 (CGE) - TDX SP/SP-GT/SR

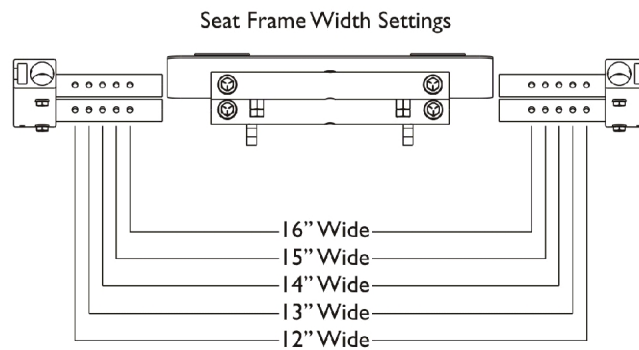
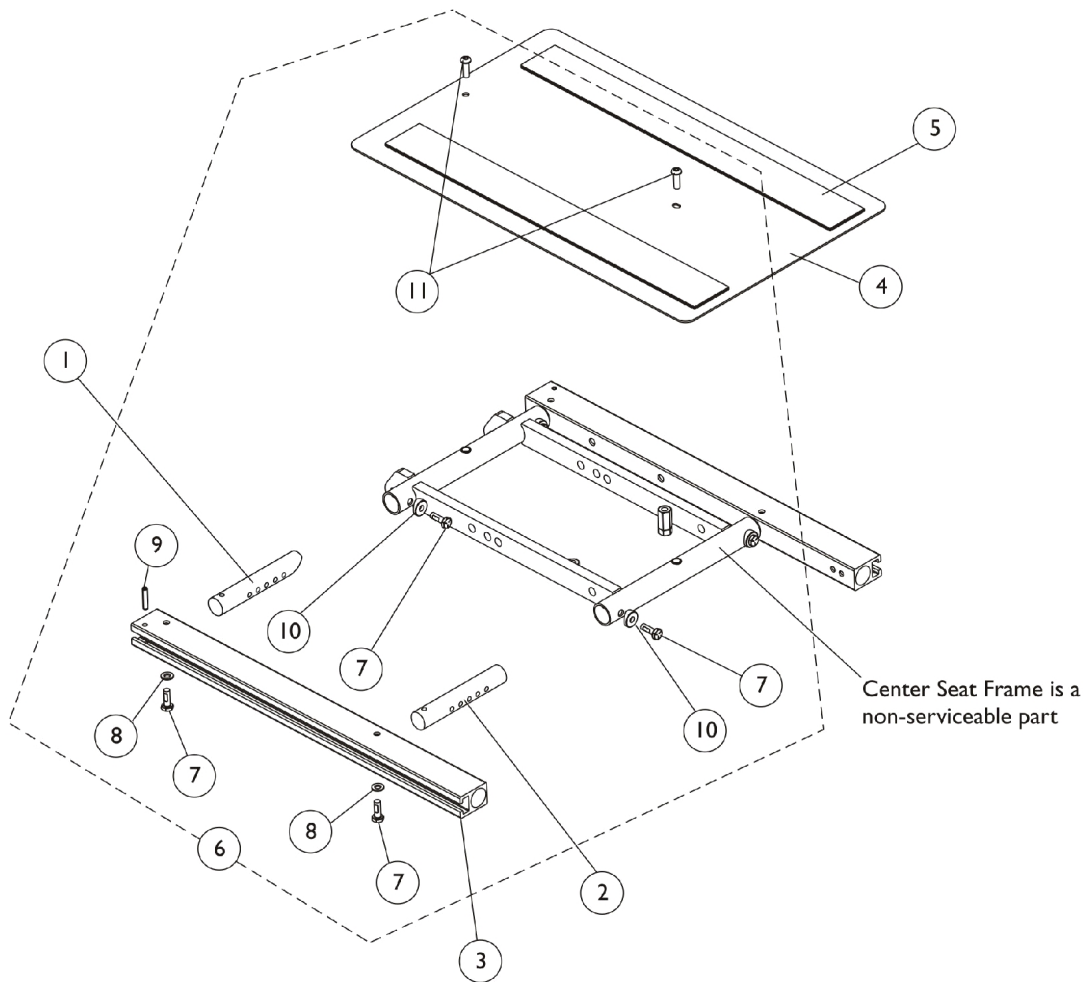


## Van Seat Frame and Hardware

### After 1/3/08 (CGE) - TDX SP/SP-GT/SR

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1147626	Kit, Captain Seat Mounting Hardware	1	1
2			Screw, Hex Head Cap w/ Patch (1/4-20 x 2-1/4")	1	2
3			Washer, Steel (1/4 x 5/8 x 3/32")	1	4
4			NLA - Screw, Hex Head Cap w/ Patch (1/4-20 x 1")	1	2
5			Washer (1/4 x 23/32 x 1/16")	1	2
6			NLA - Spacer (1/4 x 5/8 x 3/8")	1	2
7	B	1147628	NLA - Kit, Van Seat Frame Mounting (For Formula CG Elevate)	1	1
8			Washer, Flat (21/64 x 53/64 x 7/64")	1	4
9			NLA - Screw, Socket Head w/ Patch (5/16-18 x 1-1/2")	1	4
10		1147088	Frame, Van Seat, Black (16" W)	1	1
10		1147073	Frame, Van Seat, Black (18" W)	1	1
10		1147086	Frame, Van Seat, Black (20" W)	1	1
10		1147082	Frame, Van Seat, Black (22" W)	1	1
11		1142304	Screw, Hex Head SEMS w/ Patch (5/16-18 x 3/4")	1	8
12		1121721-NLA	NLA - Nut, Weld (5/16-18 x 1-1/8" Spacing)	1	4
13		1121710	NLA - Plate, Elevate Seat Mounting - Right	1	1
13		1121711-NLA	NLA - Plate, Elevate Seat Mounting - Left	1	1
14	1070398-NLA	NLA - Screw, Hex Head (5/16-18 x 1-1/2")	1	4	
15	1147098-NLA	NLA - Bracket, Seat Mounting, Elevate, Black	1	1	
16	1154065-NLA	NLA - Block, Actuator Motor Spacer	1	1	
17		1028769	Locknut (5/16-18)	1	4
NOTE: A - Includes items 2-6. B - Includes items 8 and 9.					

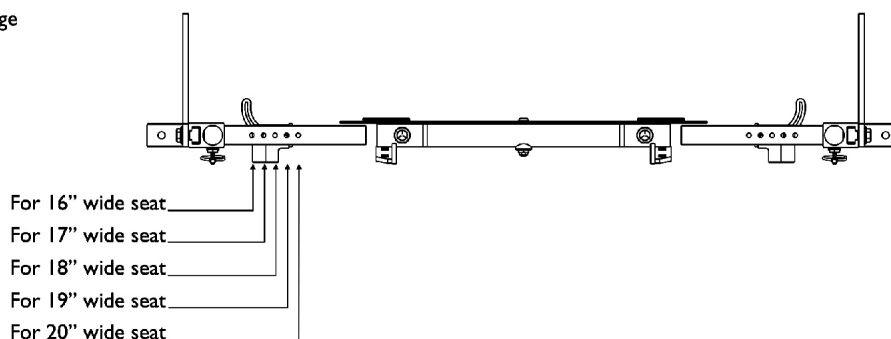
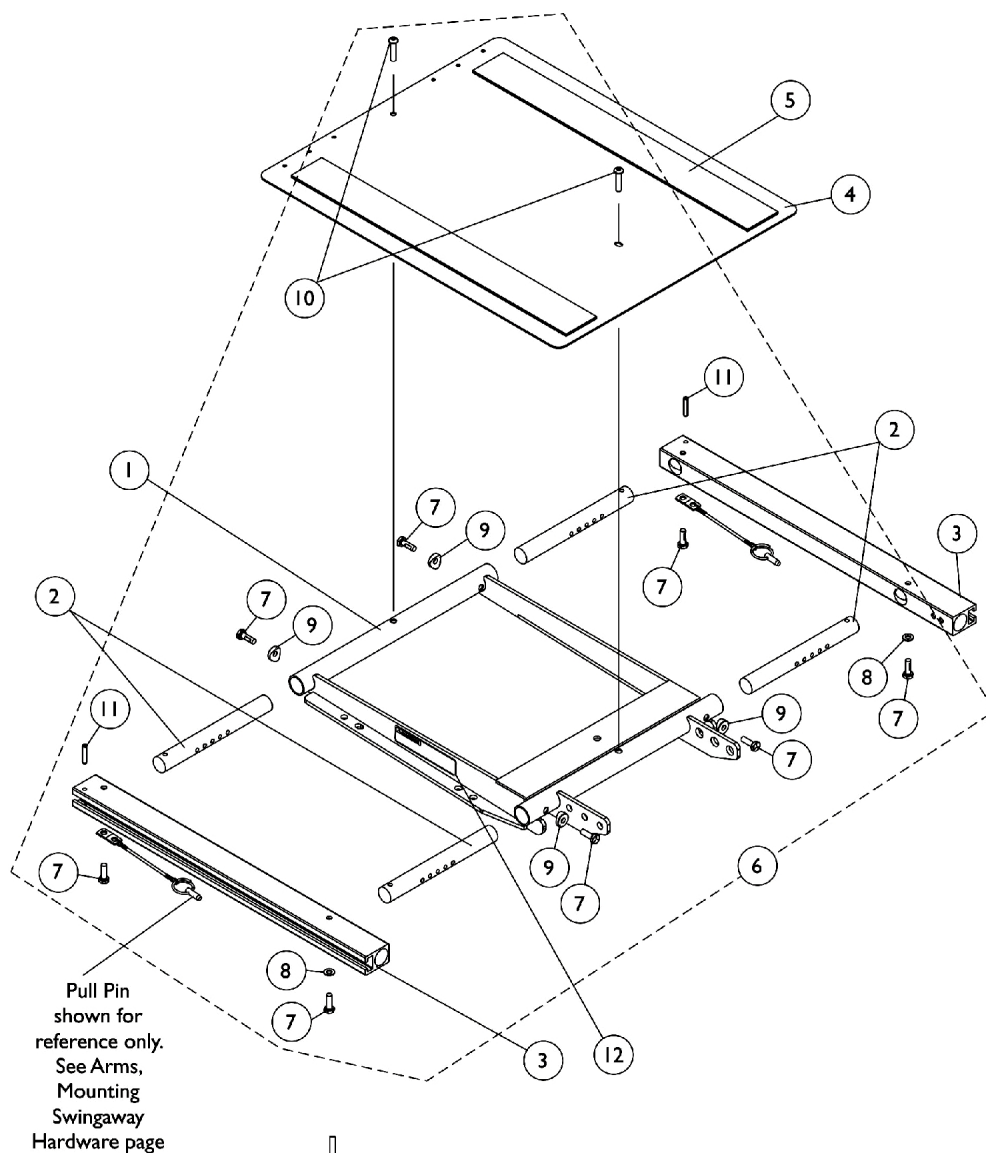
# **Seat Frame and Seat Pan w/ Hardware (12"-16" Wide) Conventional**



## Seat Frame and Seat Pan w/ Hardware (12"-16" Wide) Conventional

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1156163-NLA	NLA - Crossbar, Seat Frame, Black (12" - 16" W)	1	2
2		1142955-NLA	NLA - Crossbar, Seat Frame, Black (12" - 16" W)	1	2
3		1142951	Rail, Seat Frame (For 12 - 19" D Conventional)	1	2
4		1142961	Pan, Seat, with Hook and Loop Fasteners (12 - 16" W x 12 - 18" D)	1	1
5	B	1043082	Hook Fastener with Adhesive Back (2" W x 18" L)	1	2
5		1044580	Loop Fastener with Adhesive Back (2" W x 18" L)	1	2
6		1144581	Kit, Seat Frame Assembly Hardware (12"-24" Wide)	1	1
7			Screw, Hex Head w/ Patch (1/4-20 x 3/4")	1	8
8			Washer (1/4 x 1/2 x 1/16")	1	4
9			NLA - Pin, Roll (3/16 x 1")	1	2
10			Spacer, Coved (1/4 x 11/16 x 1/2")	1	4
11			Screw, Socket Button (1/4-20 x 3/4")	1	2
NOTE: A - Includes item 5 B - Includes items 7-11					

# **Seat Frame, Seat Pan and Hardware** **(16"-20" Wide) x (16"-22" Deep) (CGE) For TDX SP/SP-GT/SR**

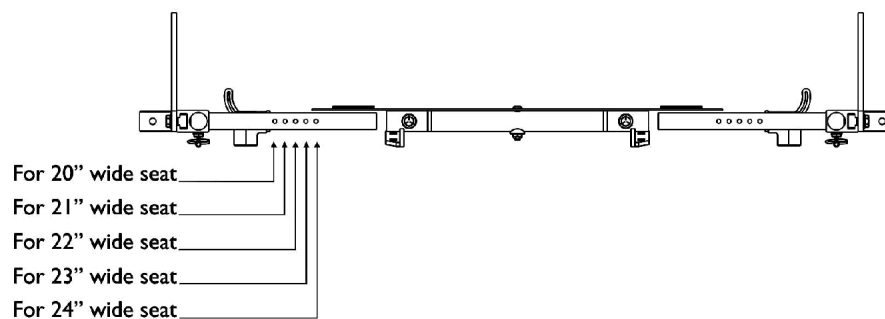
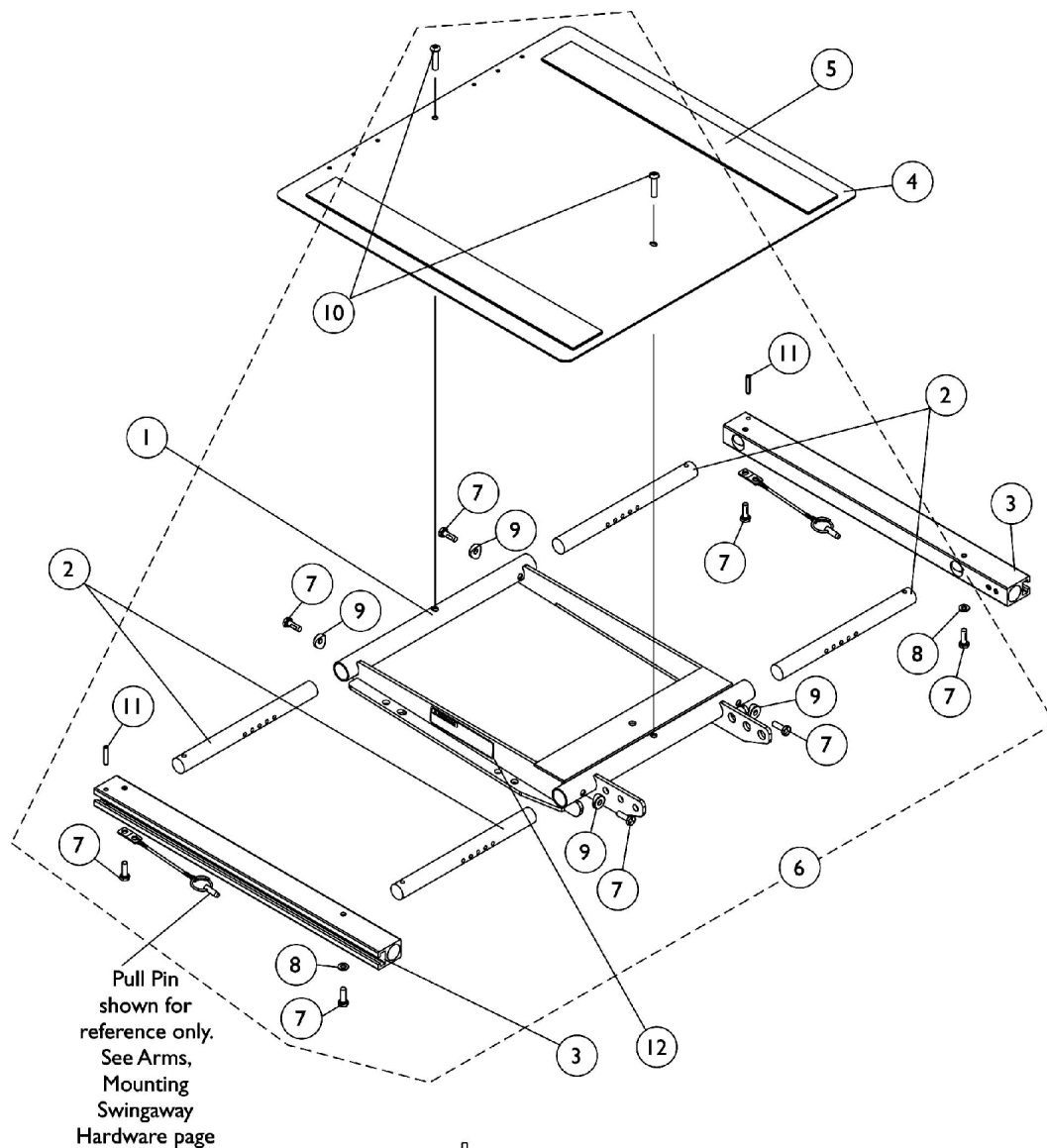


**Seat Frame Width Settings**

## Seat Frame, Seat Pan and Hardware (16"-20" Wide) x (16"-22" Deep) (CGE) For TDX SP/SP-GT/SR

Item Number	Note	Part Number	Description	Quantity Per		
				Package	Assembly	
1	D	1120288	Frame, Center Seat, Black	1	1	
2		1122475	Crossbar, Seat Frame (16" - 20" W)	1	4	
3		1122647	Rail, Seat Frame (16 - 20" D For Formula TRE and 16 - 19" D For ADJASBA)	1	2	
3		1122677	Rail, Seat Frame (20 - 22" D Formula TRE) (19 - 22" D ADJASBA)	1	2	
4		1124386	Pan, Seat with Hook and Loop Fasteners (16 - 20" W) x (16 - 20" D For Formula TRE) & (16 - 19" D For ADJASBA)	1	1	
4		1124666	Pan, Seat, with Hook and Loop Fasteners (16 - 20" W) x (20 - 22" D For Formula TRE) & (19 - 22" D For ADJASBA)	1	1	
5		A	1043082	Hook Fastener with Adhesive Back (2" W x 18" L)	1	2
5		A	1044580	Loop Fastener with Adhesive Back (2" W x 18" L)	1	2
5		B	1043084	Hook Fastener with Adhesive back (2" W x 22" L)	1	2
5		B	1044584	Loop Fastener with Adhesive back (2" W x 22" L)	1	2
6		C	1135501	Kit, Seat Frame Assembly Hardware	1	1
7			Screw, Hex Head w/ Patch (1/4-20 x 3/4")	1	8	
8			Washer (1/4 x 1/2 x 1/16")	1	2	
9			Spacer, Coved (1/4 x 11/16 x 1/2")	1	4	
10			Screw, Socket Button (1/4-20 x 3/4")	1	2	
11			NLA - Pin, Roll (3/16 x 1")	1	2	
12		1114823	Decal, Seat Adjustment Warning	1	2	
NOTE: A - For 16"-19" deep seats B - For 19"-22" deep seats C - Includes items 7-11 D - When ordering Center Seat Frame (item 1), also order 2 ea. Seat Adjustment Warning Decal (item 12).						

# **Seat Frame, Seat Pan and Hardware** **(20"-22" Wide) x (16"-22" Deep) (CGE) For TDX SP/SP-GT/SR** TDX SP/SP-GT/ CGE does not use the 23"-24" seat width settings



**Seat Frame Width Settings**

## Seat Frame, Seat Pan and Hardware (20"-22" Wide) x (16"-22" Deep) (CGE) For TDX SP/SP-GT/SR

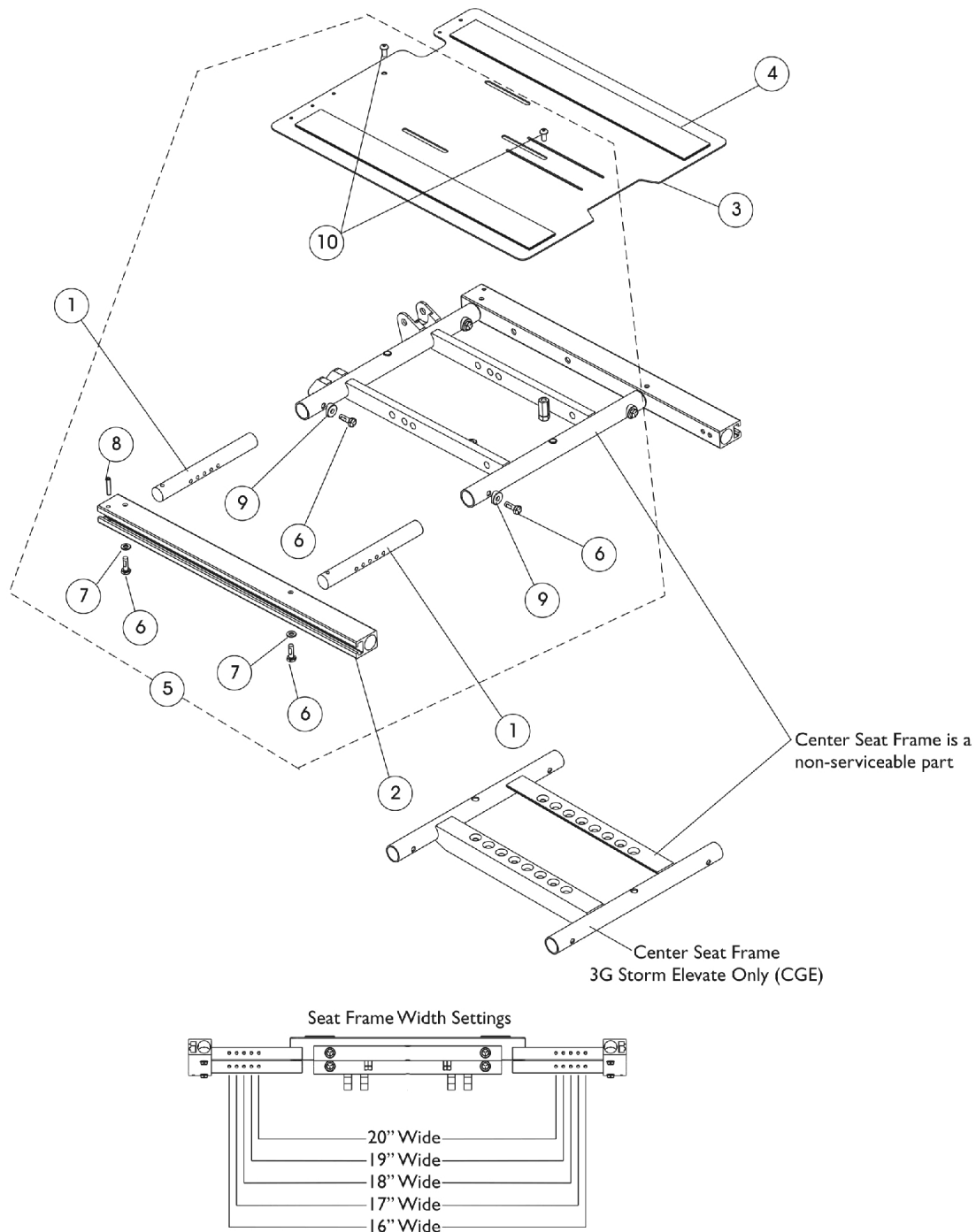
TDX SP/SP-GT/ CGE does not use the 23"-24" seat width settings

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	D	1120288	Frame, Center Seat, Black	1	1
2		1120283	Crossbar, Seat Frame (20" - 24" W)	1	4
3		1122647	Rail, Seat Frame (16 - 20" D For Formula TRE and 16 - 19" D For ADJASBA)	1	2
3		1122677	Rail, Seat Frame (20 - 22" D Formula TRE) (19 - 22" D ADJASBA)	1	2
4		1124388	Pan, Seat, with Hook and Loop Fasteners (20 - 24" W) x (16 - 20" D For Formula TRE) & (16 - 19" D For ADJASBA)	1	1
4		1124667	Pan, Seat with Hook and Loop Fasteners (20 - 24" W) x (20 - 22" D For Formula TRE) & (19 - 22" D For ADJASBA)	1	1
5	A	1043082	Hook Fastener with Adhesive Back (2" W x 18" L)	1	2
5	A	1044580	Loop Fastener with Adhesive Back (2" W x 18" L)	1	2
5	B	1043084	Hook Fastener with Adhesive back (2" W x 22" L)	1	2
5	B	1044584	Loop Fastener with Adhesive back (2" W x 22" L)	1	2
6	C	1135501	Kit, Seat Frame Assembly Hardware	1	1
7			Screw, Hex Head w/ Patch (1/4-20 x 3/4")	1	8
8			Washer (1/4 x 1/2 x 1/16")	1	2
9			Spacer, Coved (1/4 x 11/16 x 1/2")	1	4
10			Screw, Socket Button (1/4-20 x 3/4")	1	2
11			NLA - Pin, Roll (3/16 x 1")	1	2
12			Decal, Seat Adjustment Warning	1	2

NOTE: A - For 16"-19" deep seats  
 B - For 19"-22" deep seats  
 C - Includes items 7-11  
 D - When ordering Center Seat Frame (item 1), also order 2 ea. Seat Adjustment Warning Decal (item 12).

# Seat Frame, Seat Pan and Hardware (16"-20" W x 16"-22" Deep) Conv., (16", 18", 20" Wide x 16"-22" Deep) Contoura & (CGE For 3G Storm)

NOTE: 3G Storm (CGE) Center Seat Frame uses the Conventional Seat Frame Rails



# Seat Frame, Seat Pan and Hardware

## (16"-20" W x 16"-22" Deep) Conv., (16", 18", 20" Wide x 16"-22" Deep) Contoura & (CGE For 3G Storm)

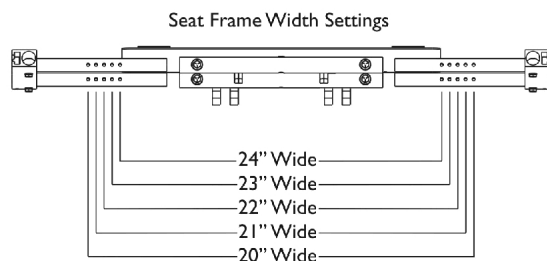
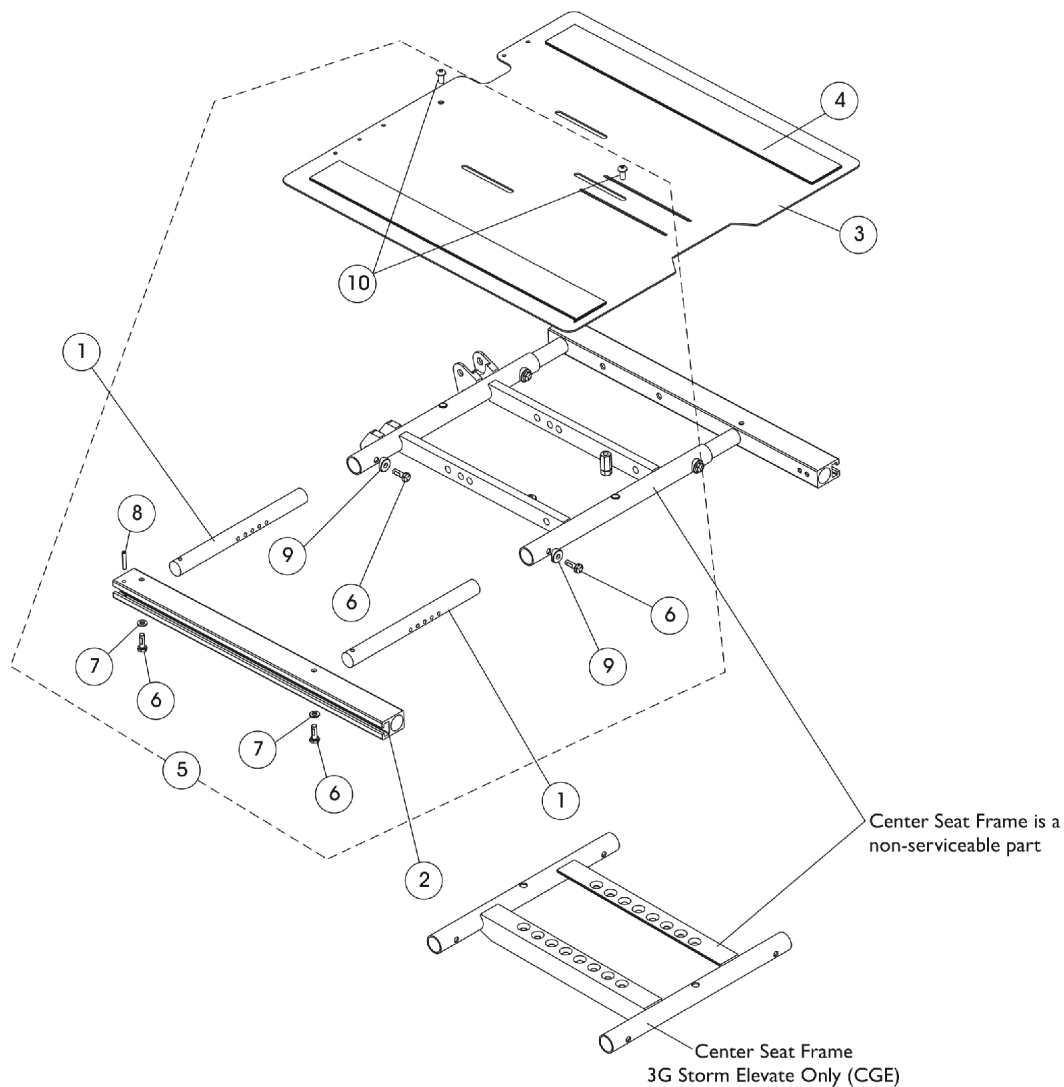
**NOTE: 3G Storm (CGE) Center Seat Frame uses the Conventional Seat Frame Rails**

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1122475	Crossbar, Seat Frame (16" - 20" W)	1	4
2		1142951	Rail, Seat Frame (For 12 - 19" D Conventional)	1	2
2		1142952	Rail, Seat Frame (For 19 - 22" D Conventional)	1	2
2	D,E	1142953	Rail, Seat Frame (For 16 - 19" D Contoura)	1	2
2	D,E	1142954	Rail, Seat Frame (For 19 - 22" D Contoura)	1	2
3		1143748	Pan, Seat, with Hook and Loop Fasteners (16 - 20" W x 16 - 19" D)	1	1
3		1143789	Pan, Seat, with Hook and Loop Fasteners (16 - 20" W x 19 - 22" D)	1	1
4	A	1043082	Hook Fastener with Adhesive Back (2" W x 18" L)	1	2
4	A	1044580	Loop Fastener with Adhesive Back (2" W x 18" L)	1	2
4	B	1043084	Hook Fastener with Adhesive back (2" W x 22" L)	1	2
4	B	1044584	Loop Fastener with Adhesive back (2" W x 22" L)	1	2
5	C	1144581	Kit, Seat Frame Assembly Hardware (12"-24" Wide)	1	1
6			Screw, Hex Head w/ Patch (1/4-20 x 3/4")	1	8
7			Washer (1/4 x 1/2 x 1/16")	1	4
8			NLA - Pin, Roll (3/16 x 1")	1	2
9			Spacer, Coved (1/4 x 11/16 x 1/2")	1	4
10			Screw, Socket Button (1/4-20 x 3/4")	1	2
<p><b>NOTE:</b> A - For 16-19" deep seat pans  B - For 19-22" deep seat pans  C - Includes items 6-10  D - When a Contoura Seating System and Power Elevating Legrest (MPCTMT/MPCTMT-L) are ordered "together" Before 7/21/11, shorter length 15" or 18" long Conventional Seat Rails must be ordered. This will prevent the legrest from being positioned to far forward.  E - After 7/20/11 part numbers 1142953 and 1142954 are no longer used on-chair and were replaced with part numbers 1142951 and 1142952 for "ALL" Contoura Back models regardless of front rigging selection and Conventional Back models.</p>					

# Seat Frame, Seat Pan and Hardware

(20"-24" W x 16"-22" D) Conv., (20", 22", 24" W x 16"-22" D) Contoura & (CGE For 3G Storm)

NOTE: 3G Storm (CGE) Center Seat Frame uses the Conventional Seat Frame Rails and the 23"-24" seat width settings are not used



## Seat Frame, Seat Pan and Hardware

### (20"-24" W x 16"-22" D) Conv., (20", 22", 24" W x 16"-22" D) Contoura & (CGE For 3G Storm)

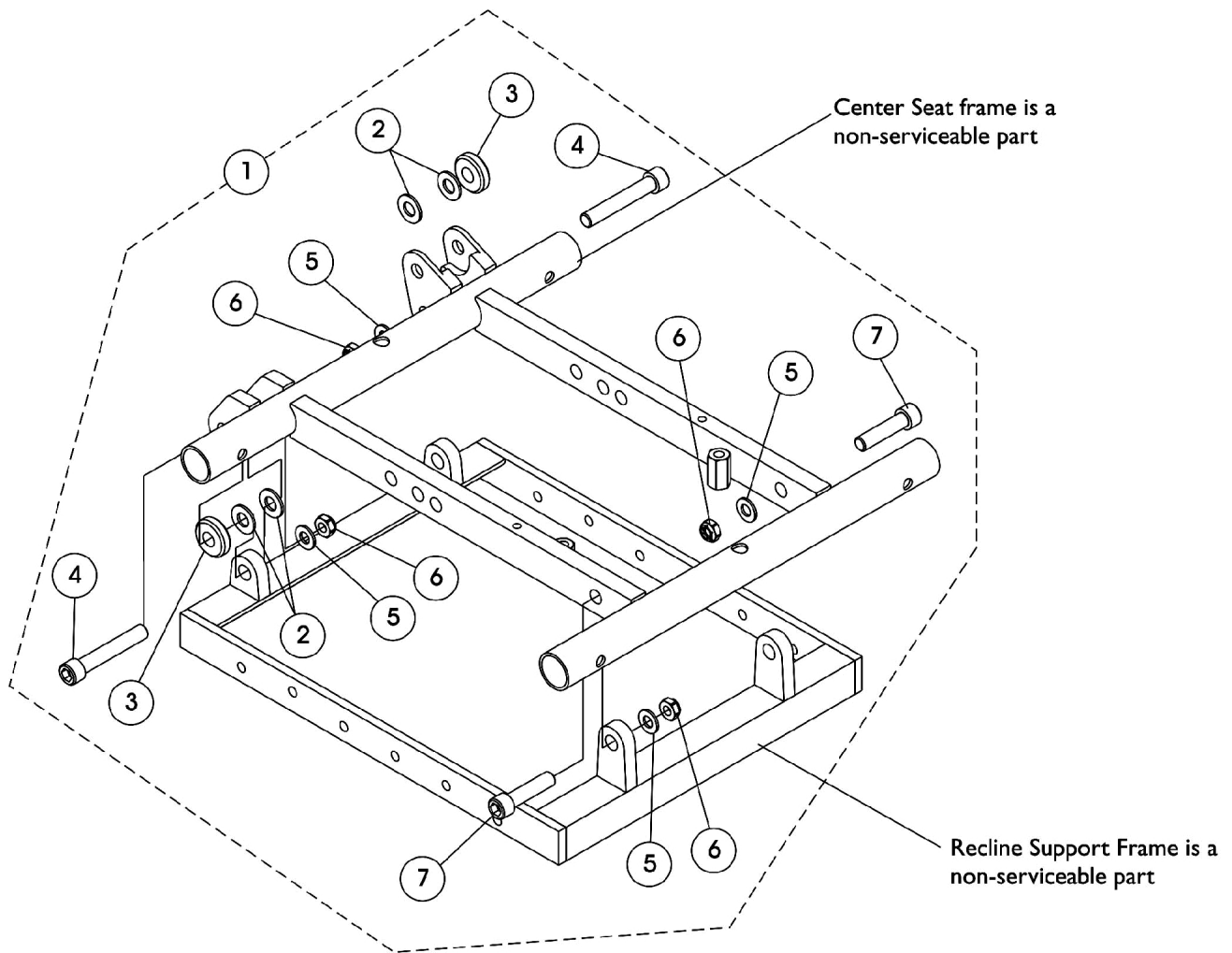
**NOTE: 3G Storm (CGE) Center Seat Frame uses the Conventional Seat Frame Rails and the 23"-24" seat width settings are not used**

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1120283	Crossbar, Seat Frame (20" - 24" W)	1	4
2		1142951	Rail, Seat Frame (For 12 - 19" D Conventional)	1	2
2		1142952	Rail, Seat Frame (For 19 - 22" D Conventional)	1	2
2	D,E	1142953	Rail, Seat Frame (For 16 - 19" D Contoura)	1	2
2	D,E	1142954	Rail, Seat Frame (For 19 - 22" D Contoura)	1	2
3		1143790	Pan, Seat with Hook and Loop Fasteners (20 - 24" W x 16 - 19" D)	1	1
3		1143791	Pan, Seat, with Hook and Loop Fasteners (20 - 24" W x 19 - 22" D)	1	1
4	A	1043082	Hook Fastener with Adhesive Back (2" W x 18" L)	1	2
4	A	1044580	Loop Fastener with Adhesive Back (2" W x 18" L)	1	2
4	B,C	1043084	Hook Fastener with Adhesive back (2" W x 22" L)	1	2
4	B,C	1044584	Loop Fastener with Adhesive back (2" W x 22" L)	1	2
5	C	1144581	Kit, Seat Frame Assembly Hardware (12"-24" Wide)	1	1
6			Screw, Hex Head w/ Patch (1/4-20 x 3/4")	1	8
7			Washer (1/4 x 1/2 x 1/16")	1	4
8			NLA - Pin, Roll (3/16 x 1")	1	2
9			Spacer, Coved (1/4 x 11/16 x 1/2")	1	4
10			Screw, Socket Button (1/4-20 x 3/4")	1	2

**NOTE:** A - For 16-19" deep seat pans  
 B - For 19-22" deep seat pans  
 C - Includes items 6-10  
 D - When a Contoura Seating System and Power Elevating Legrest (MPCTMT/MPCTMT-L) are ordered "together" Before 7/21/11, shorter length 15" or 18" long Conventional Seat Rails must be ordered. This will prevent the legrest from being positioned to far forward.  
 E - After 7/20/11 part numbers 1142953 and 1142954 are no longer used on-chair and were replaced with part numbers 1142951 and 1142952 for "ALL" Contoura Back models regardless of front rigging selection and Conventional Back models.

# Recline Interface Support Frame Hardware

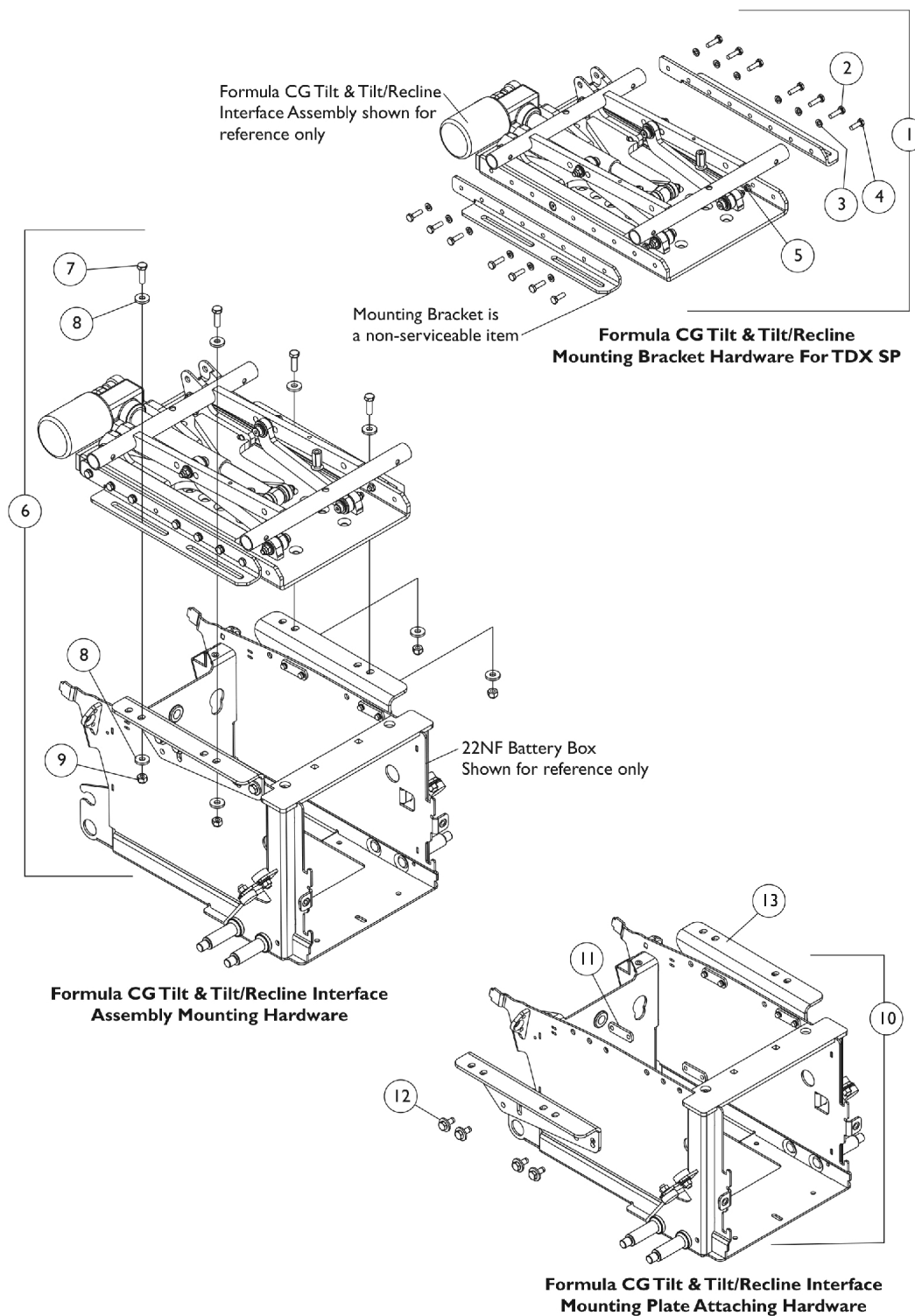
## For 3G Storm & TDX SP/SP-GT



## Recline Interface Support Frame Hardware For 3G Storm & TDX SP/SP-GT

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1144589-NLA	NLA - Kit, Recline Interface Support Frame Hardware	1	1
2			Washer, Nylon (3/8 x 7/8 x 1/16")	1	4
3			NLA - Washer, Nylon (13/32 x 1 x 1/4")	1	2
4			Screw, Socket Head (3/8-16 x 2-1/4")	1	2
5			Washer, Nylon (3/8 x 13/16 x 1/16")	1	4
6			NLA - Locknut, High Profile (3/8-16)	1	4
7			Screw, Socket Head w/ Patch (3/8-16 x 1-1/2")	1	2
NOTE: A - Includes items 2-7					

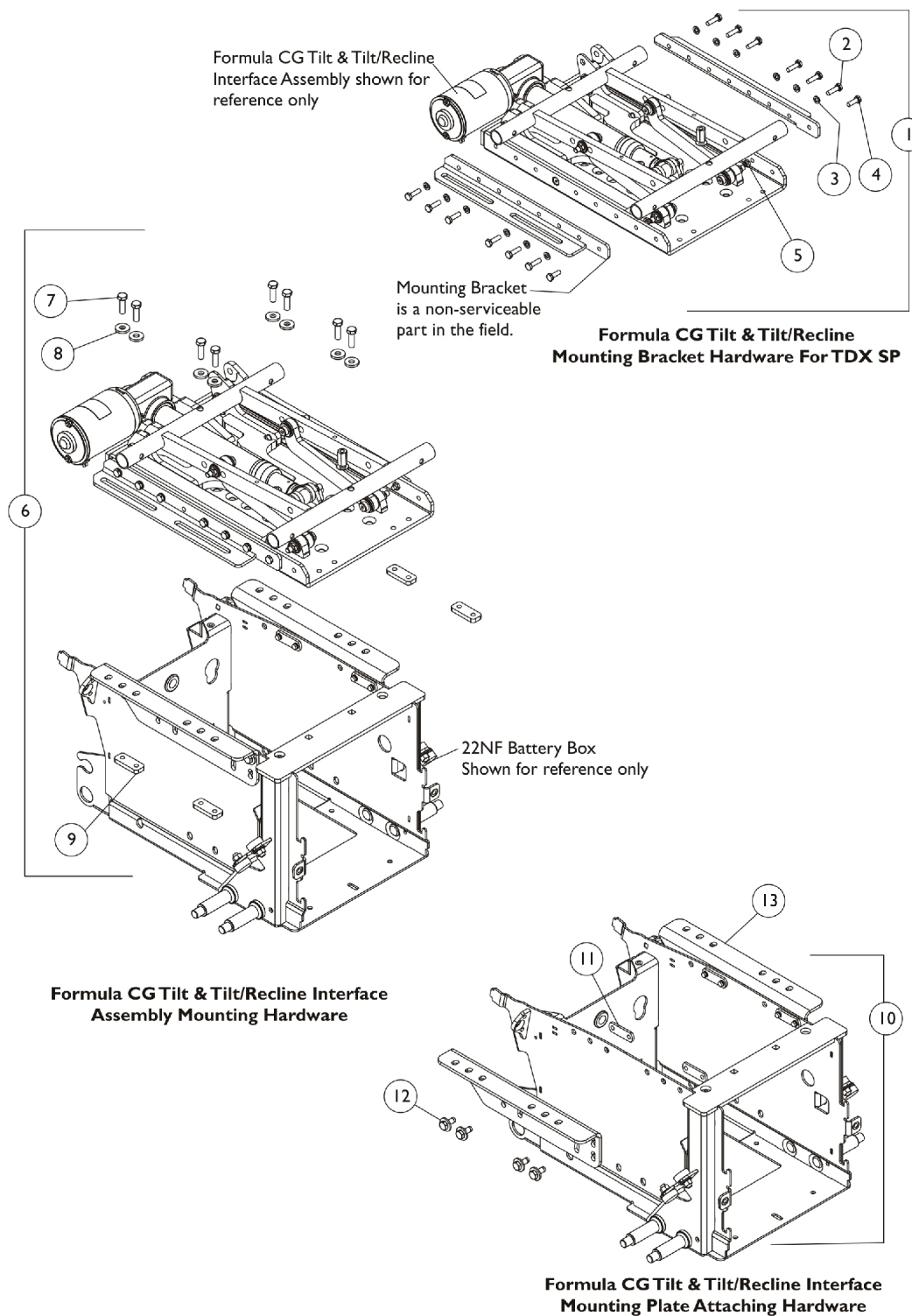
# Seat Frame Mounting Hardware & Interface Mtg. Plates (CGT/CGTR) For TDX SP/SP-GT w/ 22NF Batteries Before 7/14/11



## Seat Frame Mounting Hardware & Interface Mtg. Plates (CGT/CGTR) For TDX SP/SP-GT w/ 22NF Batteries Before 7/14/11

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1121713-NLA	NLA - Kit, Formula CG Tilt & Tilt/Recline Mounting Bracket Hardware	1	1
2			Screw, Hex Head (1/4-20 x 7/8")	1	12
3			Lockwasher, Split (1/4")	1	12
4			NLA - Bolt, Hex Head Cap (1/4-20 x 3/4")	1	2
5			Locknut (1/4-20)	1	2
6	B	1121699	Kit, Formula CG Tilt, Recline & Tilt/Recline Interface Asbly. Mtg. Hdwr. (For TDX SP w/ 22NF Batteries)	1	1
7			Screw, Hex Head (5/16-18 x 1")	1	4
8			Washer, Flat (21/64 x 53/64 x 7/64")	1	8
9			Locknut, High Profile (5/16-18)	1	4
10	C	1121700	Kit, Interface Mounting Plate Attaching Hardware	1	1
11			Nut, Weld (5/16-18 x 1-3/8" Spacing)	1	4
12			Screw, Hex Head SEMS w/ Patch (5/16-18 x 3/4")	1	8
13	D	1121697-NLA	NLA - Plate, Low Interface Mounting - Right	1	1
13	D	1121698-NLA	NLA - Plate, Low Interface Mounting - Left	1	1
13	E	1148011-NLA	NLA - Plate, Medium Interface Mounting - Right	1	1
13	E	1148012-NLA	NLA - Plate, Medium Interface Mounting - Left	1	1
13	F	1148013-NLA	NLA - Plate, High Interface Mounting - Right	1	1
13	F	1148014-NLA	NLA - Plate, High Interface Mounting - Left	1	1
NOTE: A - Includes items 2-5 B - Includes items 7-9 C - Includes items 11 and 12 D - Low Seat-To-Floor = 17.5" at 0 degrees E - Medium Seat-To-Floor = 18.5" at 0 degrees F - High Seat-To-Floor = 19.5" at 0 degrees					

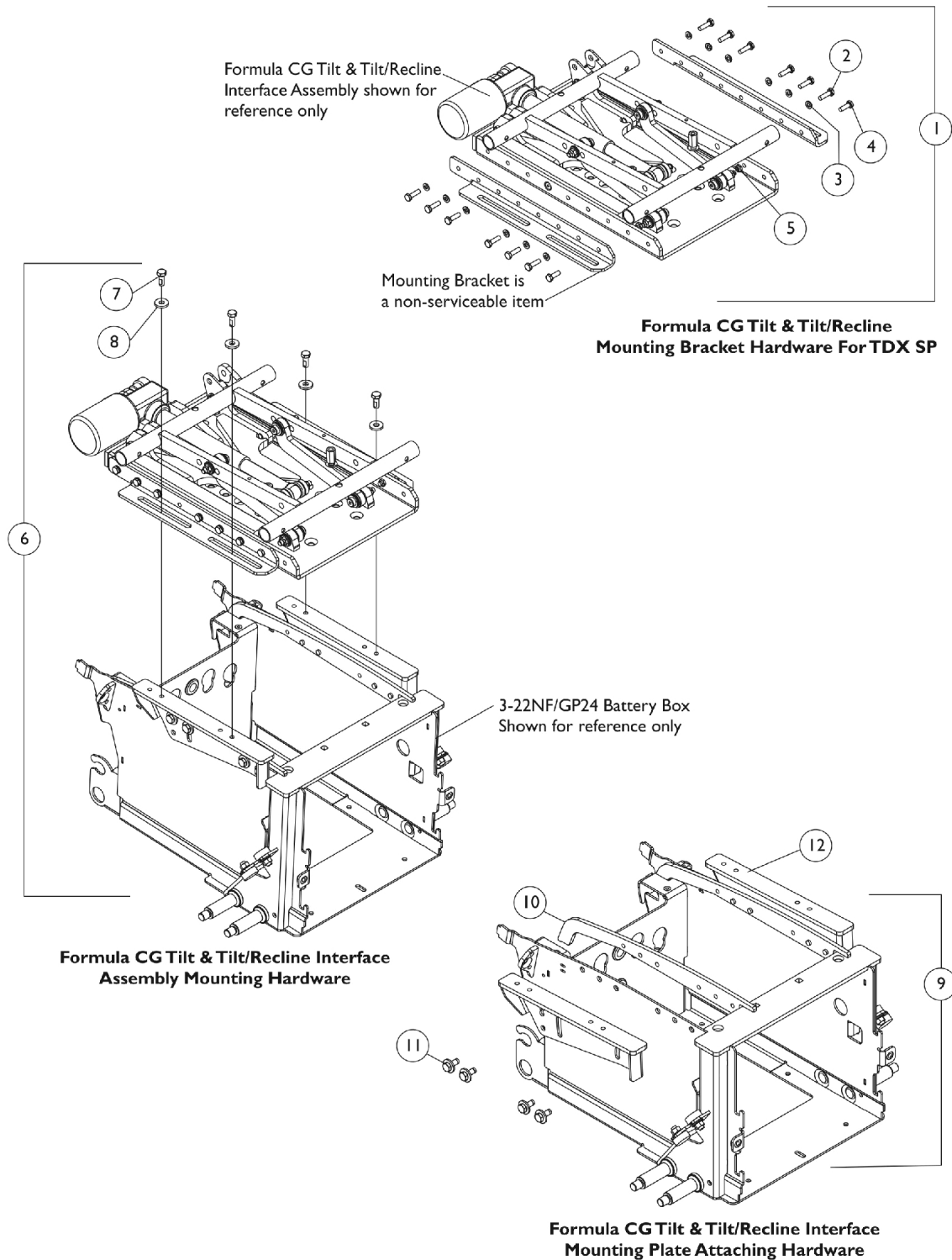
# Seat Frame Mounting Hardware & Interface Mtg. Plates (CGT/CGTR) For TDX SP/SP-GT w/ 22NF Batteries After 7/13/11



## Seat Frame Mounting Hardware & Interface Mtg. Plates (CGT/CGTR) For TDX SP/SP-GT w/ 22NF Batteries After 7/13/11

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1121713-NLA	NLA - Kit, Formula CG Tilt & Tilt/Recline Mounting Bracket Hardware	1	1
2			Screw, Hex Head (1/4-20 x 7/8")	1	12
3			Lockwasher, Split (1/4")	1	12
4			NLA - Bolt, Hex Head Cap (1/4-20 x 3/4")	1	2
5			Locknut (1/4-20)	1	2
6	B	1173256	Kit, Formula CGT/CGR/CGTR Interface Asbly. Mtg. Hdw. (For TDX SP w/ 22NF Batteries)	1	1
7			Screw, Hex Head (5/16-18 x 1")	1	8
8			Washer, Flat (21/64 x 53/64 x 7/64")	1	8
9			Plate, Nut (5/16-18)	1	4
10	C	1121700	Kit, Interface Mounting Plate Attaching Hardware	1	1
11			Nut, Weld (5/16-18 x 1-3/8" Spacing)	1	4
12			Screw, Hex Head SEMS w/ Patch (5/16-18 x 3/4")	1	8
13	D	1173230	Plate, Low Interface Mounting, Black - Right	1	1
13	D	1173231	Plate, Low Interface Mounting, Black - Left	1	1
13	E	1173226	Plate, Medium Interface Mounting, Black - Right	1	1
13	E	1173227	Plate, Medium Interface Mounting, Black - Left	1	1
13	F	1173228	Plate, High Interface Mounting, Black - Right	1	1
13	F	1173229	Plate, High Interface Mounting, Black - Left	1	1
NOTE: A - Includes items 2-5 B - Includes items 7-9 C - Includes items 11 and 12 D - Low Seat-To-Floor = 17.25-18.25" adjustment range. E - Medium Seat-To-Floor = 18-19" adjustment range. F - High Seat-To-Floor = 19-20" adjustment range.					

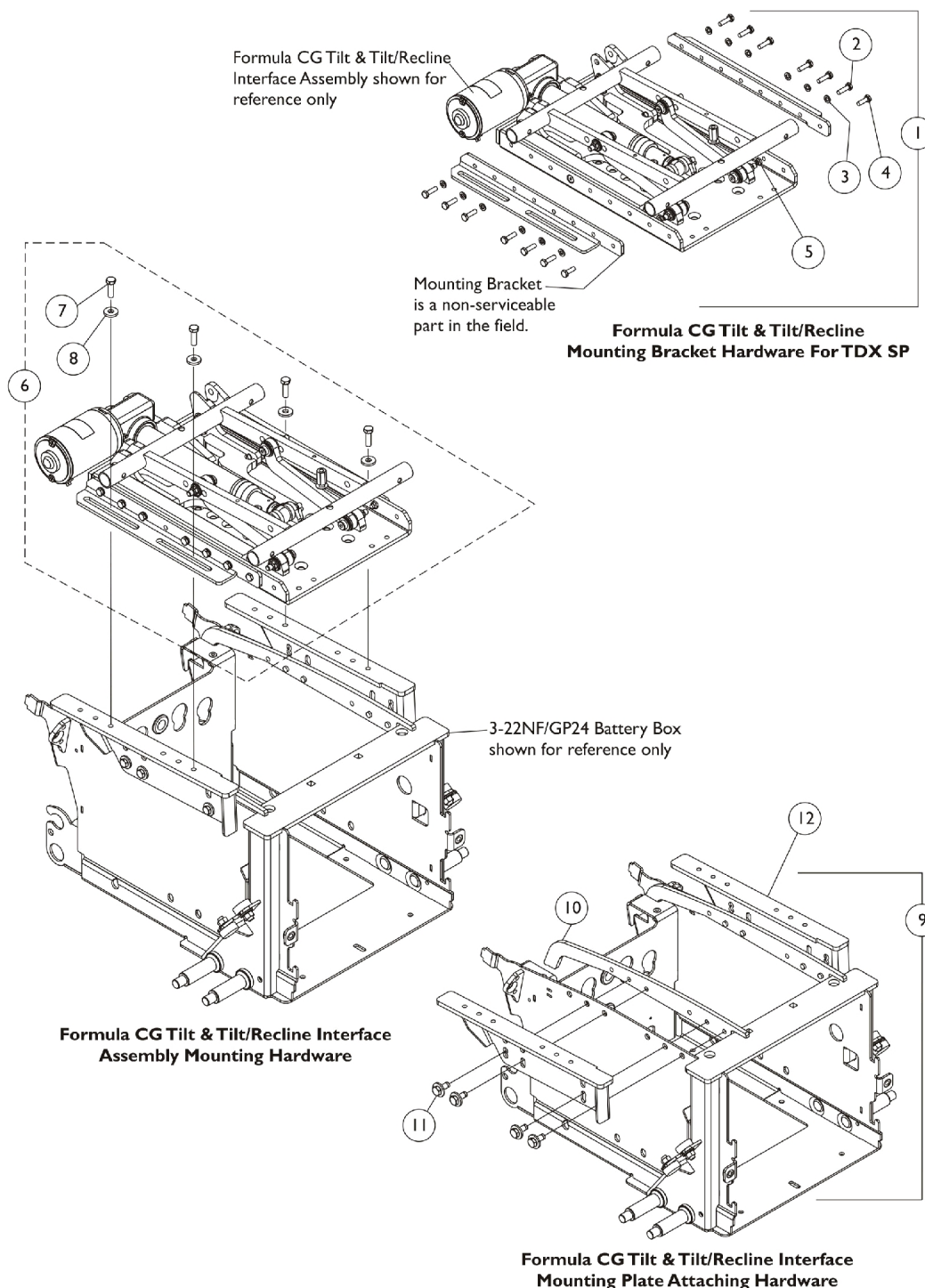
# Seat Frame Mounting Hardware & Interface Mtg. Plates (CGT/CGTR) For TDX SP/SP-GT w/ 3-22NF/GP24 Batteries (Before 7/14/11)



## Seat Frame Mounting Hardware & Interface Mtg. Plates (CGT/CGTR) For TDX SP/SP-GT w/ 3-22NF/GP24 Batteries (Before 7/14/11)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1121713-NLA	NLA - Kit, Formula CG Tilt & Tilt/Recline Mounting Bracket Hardware	1	1
2			Screw, Hex Head (1/4-20 x 7/8")	1	12
3			Lockwasher, Split (1/4")	1	12
4			NLA - Bolt, Hex Head Cap (1/4-20 x 3/4")	1	2
5			Locknut (1/4-20)	1	2
6	B	1147142	Kit, Formula CGT/CGR/CGTR Interface Asbly. Mtg. Hdw. (For TDX SP w/ GP 24 Batteries Less Vent Option)	1	1
7			Screw, Hex Head w/ Patch (5/16-18 x 3/4")	1	4
8			Washer, Flat (21/64 x 53/64 x 7/64")	1	4
6		1147146-NLA	NLA - Kit, Formula CG Tilt, Recline & Tilt/Recline Interface Asbly. Mtg. Hdw. (For TDX SP w/ GP 24 Batteries and Vent Option)	1	1
7			NLA - Screw, Socket Head (5/16-18 x 3/4")	1	4
8			Washer, Flat (21/64 x 53/64 x 7/64")	1	4
9	C	1147130-NLA	Kit, Interface Mounting Plate Hardware	1	1
10			Plate, Nut	1	2
11			Screw, Hex Head SEMS w/ Patch (5/16-18 x 3/4")	1	8
12	D	1147111-NLA	NLA - Plate, Low Interface Mounting - Right	1	1
12	D	1147112-NLA	NLA - Plate, Low Interface Mounting - Left	1	1
12	E	1148019-NLA	NLA - Plate, Medium Interface Mounting - Right	1	1
12	E	1148020-NLA	NLA - Plate, Medium Interface Mounting - Left	1	1
12	F	1148021-NLA	NLA - Plate, High Interface Mounting - Right	1	1
12	F	1148022-NLA	NLA - Plate, High Interface Mounting - Left	1	1
NOTE: A - Includes items 2-5 B - Includes items 7 and 8 C - Includes items 10 and 11 D - Low Seat-To-Floor = 17.5" at 0 degrees E - Medium Seat-To-Floor = 18.5" at 0 degrees F - High Seat-To-Floor = 19.5" at 0 degrees					

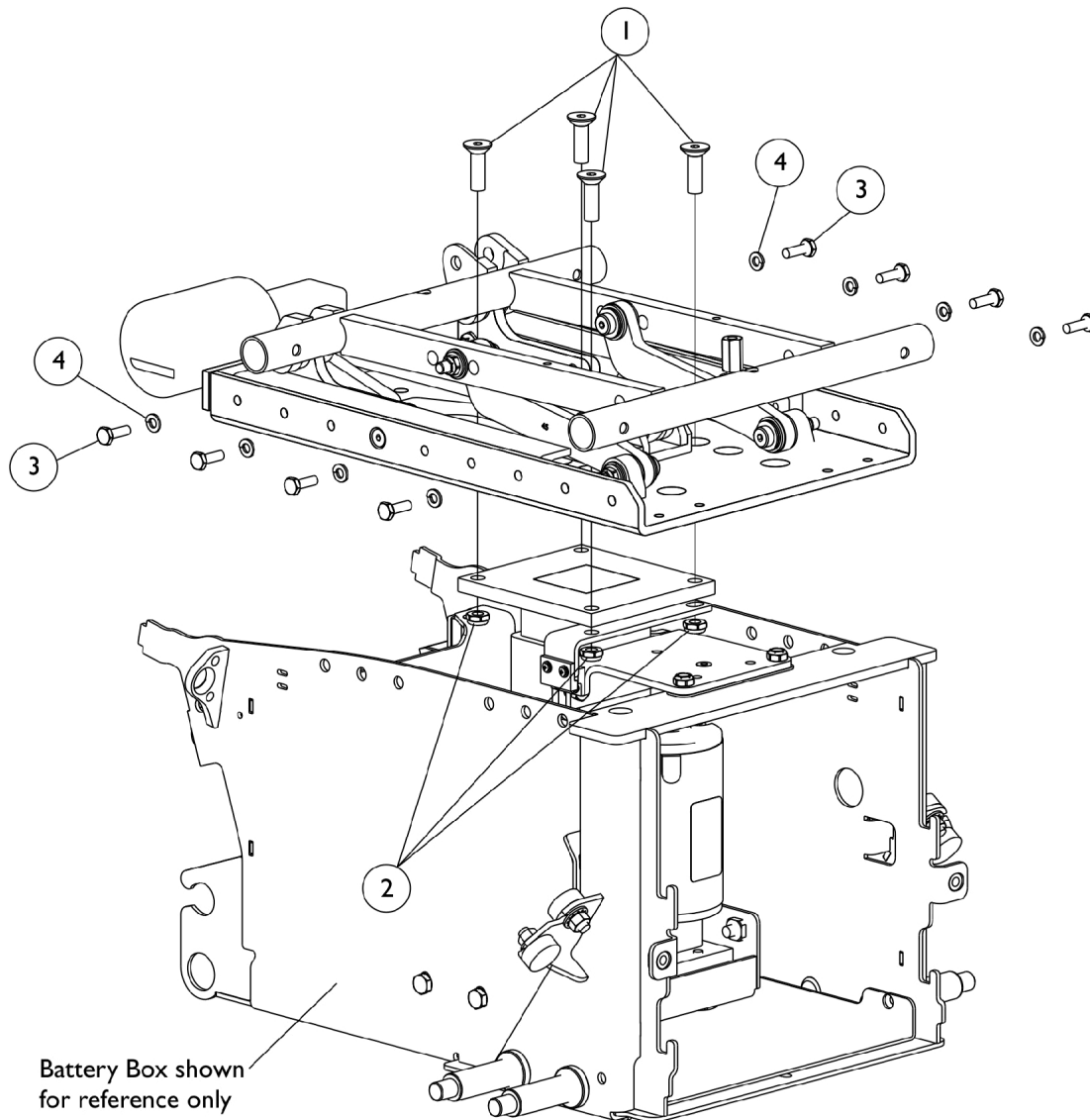
# Seat Frame Mounting Hardware & Interface Mtg. Plates (CGT/CGTR) For TDX SP/SP-GT w/ 3-22NF/GP24 Batteries After 7/13/11



## Seat Frame Mounting Hardware & Interface Mtg. Plates (CGT/CGTR) For TDX SP/SP-GT w/ 3-22NF/GP24 Batteries After 7/13/11

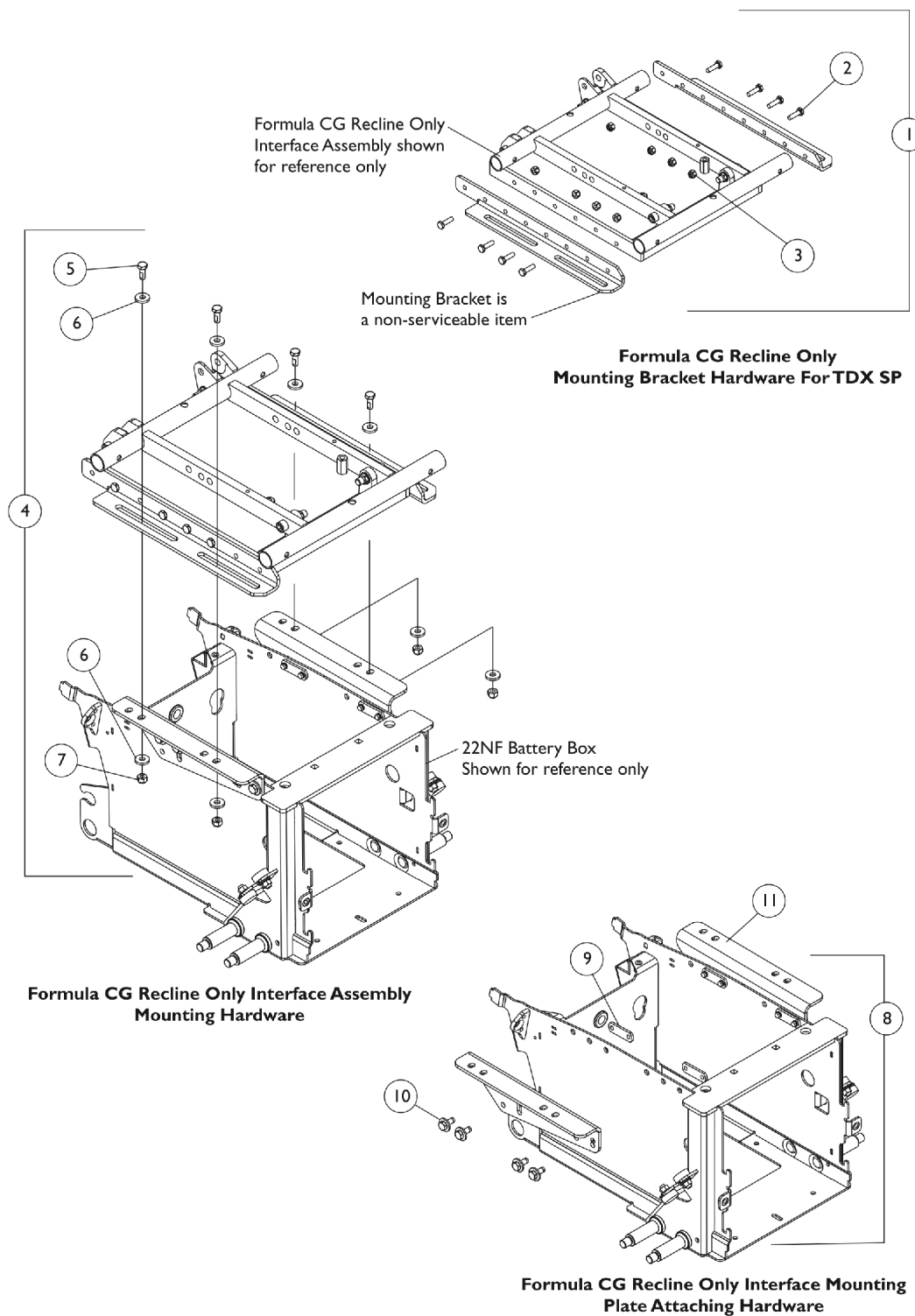
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1121713-NLA	NLA - Kit, Formula CG Tilt & Tilt/Recline Mounting Bracket Hardware	1	1
2			Screw, Hex Head (1/4-20 x 7/8")	1	12
3			Lockwasher, Split (1/4")	1	12
4			NLA - Bolt, Hex Head Cap (1/4-20 x 3/4")	1	2
5			Locknut (1/4-20)	1	2
6	B	1147142	Kit, Formula CGT/CGR/CGTR Interface Asbly. Mtg. Hdw. (For TDX SP w/ GP 24 Batteries Less Vent Option)	1	1
7			Screw, Hex Head w/ Patch (5/16-18 x 3/4")	1	4
8			Washer, Flat (21/64 x 53/64 x 7/64")	1	4
6		1147146-NLA	NLA - Kit, Formula CG Tilt, Recline & Tilt/Recline Interface Asbly. Mtg. Hdw. (For TDX SP w/ GP 24 Batteries and Vent Option)	1	1
7			NLA - Screw, Socket Head (5/16-18 x 3/4")	1	4
8			Washer, Flat (21/64 x 53/64 x 7/64")	1	4
9	C	1147130-NLA	Kit, Interface Mounting Plate Hardware	1	1
10			Plate, Nut	1	2
11			Screw, Hex Head SEMS w/ Patch (5/16-18 x 3/4")	1	8
12	D	1173239	Plate, Low Interface Mountng, Black - Right	1	1
12	D	1173240	Plate, Low Interface Mountng, Black - Left	1	1
12	E	1173241	Plate, Medium Interface Mountng, Black - Right	1	1
12	E	1173242	Plate, Medium Interface Mountng, Black - Left	1	1
12	F	1173243	Plate, High Interface Mountng, Black - Right	1	1
12	F	1173244	Plate, High Interface Mountng, Black - Left	1	1
NOTE: A - Includes items 2-5 B - Includes items 7 and 8 C - Includes items 10 and 11 D - Low Seat-To-Floor = 17.25-18.25" adjustment range. E - Medium Seat-To-Floor = 18-19" adjustment range. F - High Seat-To-Floor = 19-20" adjustment range.					

# **Seat Frame Mounting Hardware** **(16"-22" Wide) (CGTE/CGTRE) - TDX SP/SP-GT/SR**



Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1149787-NLA	NLA - Screw, Socket Flat Head (3/8-16 x 1-1/4")	1	4
2		1028769	Locknut (5/16-18)	1	4
3		1025708-NLA	NLA - Bolt, Hex Head Cap (1/4-20 x 3/4")	1	8
4		10502X001-NLA	NLA - Lockwasher (1/4")	1	8

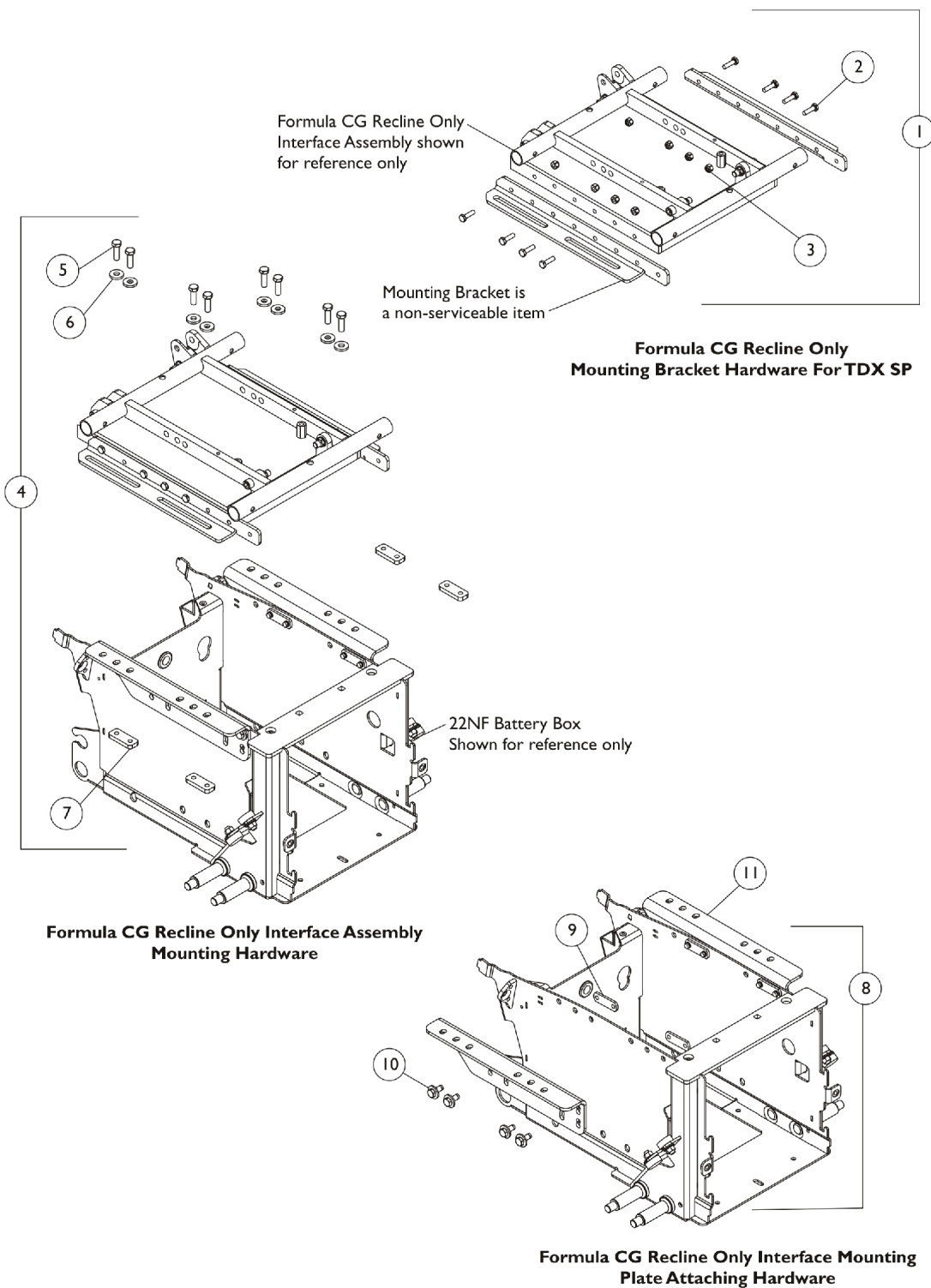
# Seat Frame Mounting Hardware & Interface Mtg. Plates (CGR) For TDX SP/SP-GT w/ 22NF Batteries (Before 7/14/11)



## Seat Frame Mounting Hardware & Interface Mtg. Plates (CGR) For TDX SP/SP-GT w/ 22NF Batteries (Before 7/14/11)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1143803-NLA	NLA - Kit, Seat Mounting Plate Hardware (Recline Only)	1	1
2			Screw, Hex Head (1/4-20 x 7/8")	1	8
3			Locknut (1/4-20)	1	8
4	B	1121699	Kit, Formula CG Tilt, Recline & Tilt/Recline Interface Asbly. Mtg. Hdwr. (For TDX SP w/ 22NF Batteries)	1	1
5			Screw, Hex Head (5/16-18 x 1")	1	4
6			Washer, Flat (21/64 x 53/64 x 7/64")	1	8
7			Locknut, High Profile (5/16-18)	1	4
8	C	1121700	Kit, Interface Mounting Plate Attaching Hardware	1	1
9			Nut, Weld (5/16-18 x 1-3/8" Spacing)	1	4
10			Screw, Hex Head SEMS w/ Patch (5/16-18 x 3/4")	1	8
11	D	1121697-NLA	NLA - Plate, Low Interface Mounting - Right	1	1
11	D	1121698-NLA	NLA - Plate, Low Interface Mounting - Left	1	1
11	E	1148011-NLA	NLA - Plate, Medium Interface Mounting - Right	1	1
11	E	1148012-NLA	NLA - Plate, Medium Interface Mounting - Left	1	1
11	F	1148013-NLA	NLA - Plate, High Interface Mounting - Right	1	1
11	F	1148014-NLA	NLA - Plate, High Interface Mounting - Left	1	1
NOTE: A - Includes items 2 and 3 B - Includes items 5-7 C - Includes items 9 and 10 D - Low Seat-To-Floor = 17.5" at 0 degrees E - Medium Seat-To-Floor = 18.5" at 0 degrees F - High Seat-To-Floor = 19.5" at 0 degrees					

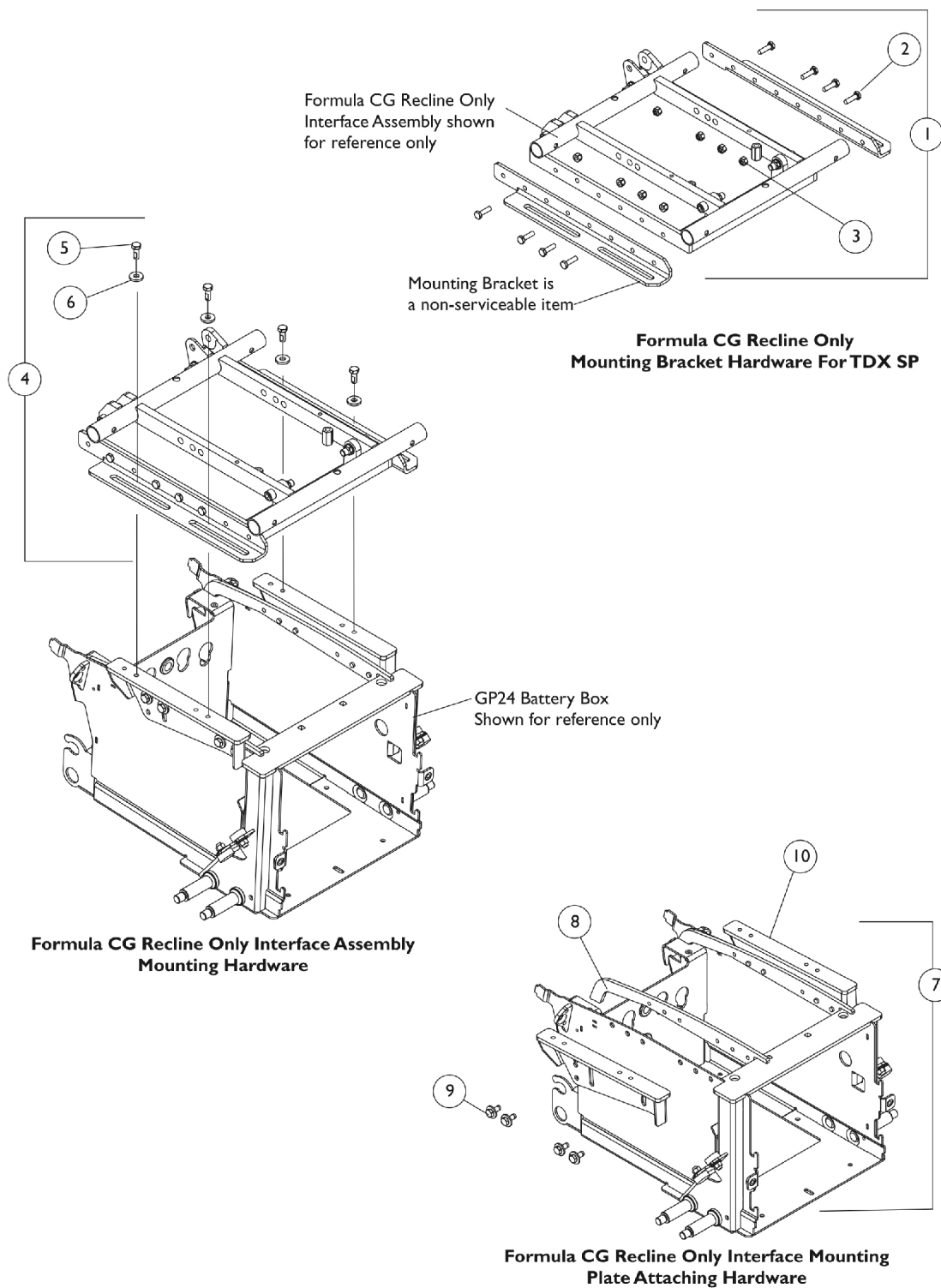
# Seat Frame Mounting Hardware & Interface Mtg. Plates (CGR) For TDX SP/SP-GT w/ 22NF Batteries After 7/13/11



## Seat Frame Mounting Hardware & Interface Mtg. Plates (CGR) For TDX SP/SP-GT w/ 22NF Batteries After 7/13/11

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1143803-NLA	NLA - Kit, Seat Mounting Plate Hardware (Recline Only)	1	1
2			Screw, Hex Head (1/4-20 x 7/8")	1	8
3			Locknut (1/4-20)	1	8
4	B	1173256	Kit, Formula CGT/CGR/CGTR Interface Asbly. Mtg. Hdw. (For TDX SP w/ 22NF Batteries)	1	1
5			Screw, Hex Head (5/16-18 x 1")	1	8
6			Washer, Flat (21/64 x 53/64 x 7/64")	1	8
7			Plate, Nut (5/16-18)	1	4
8	C	1121700	Kit, Interface Mounting Plate Attaching Hardware	1	1
9			Nut, Weld (5/16-18 x 1-3/8" Spacing)	1	4
10			Screw, Hex Head SEMS w/ Patch (5/16-18 x 3/4")	1	8
11	D	1173230	Plate, Low Interface Mounting, Black - Right	1	1
11	D	1173231	Plate, Low Interface Mounting, Black - Left	1	1
11	E	1173226	Plate, Medium Interface Mounting, Black - Right	1	1
11	E	1173227	Plate, Medium Interface Mounting, Black - Left	1	1
11	F	1173228	Plate, High Interface Mounting, Black - Right	1	1
11	F	1173229	Plate, High Interface Mounting, Black - Left	1	1
NOTE: A - Includes items 2 and 3 B - Includes items 5-7 C - Includes items 9 and 10 D - Low Seat-To-Floor = 17.25-18.25" adjustment range. E - Medium Seat-To-Floor = 18-19" adjustment range. F - High Seat-To-Floor = 19-20" adjustment range.					

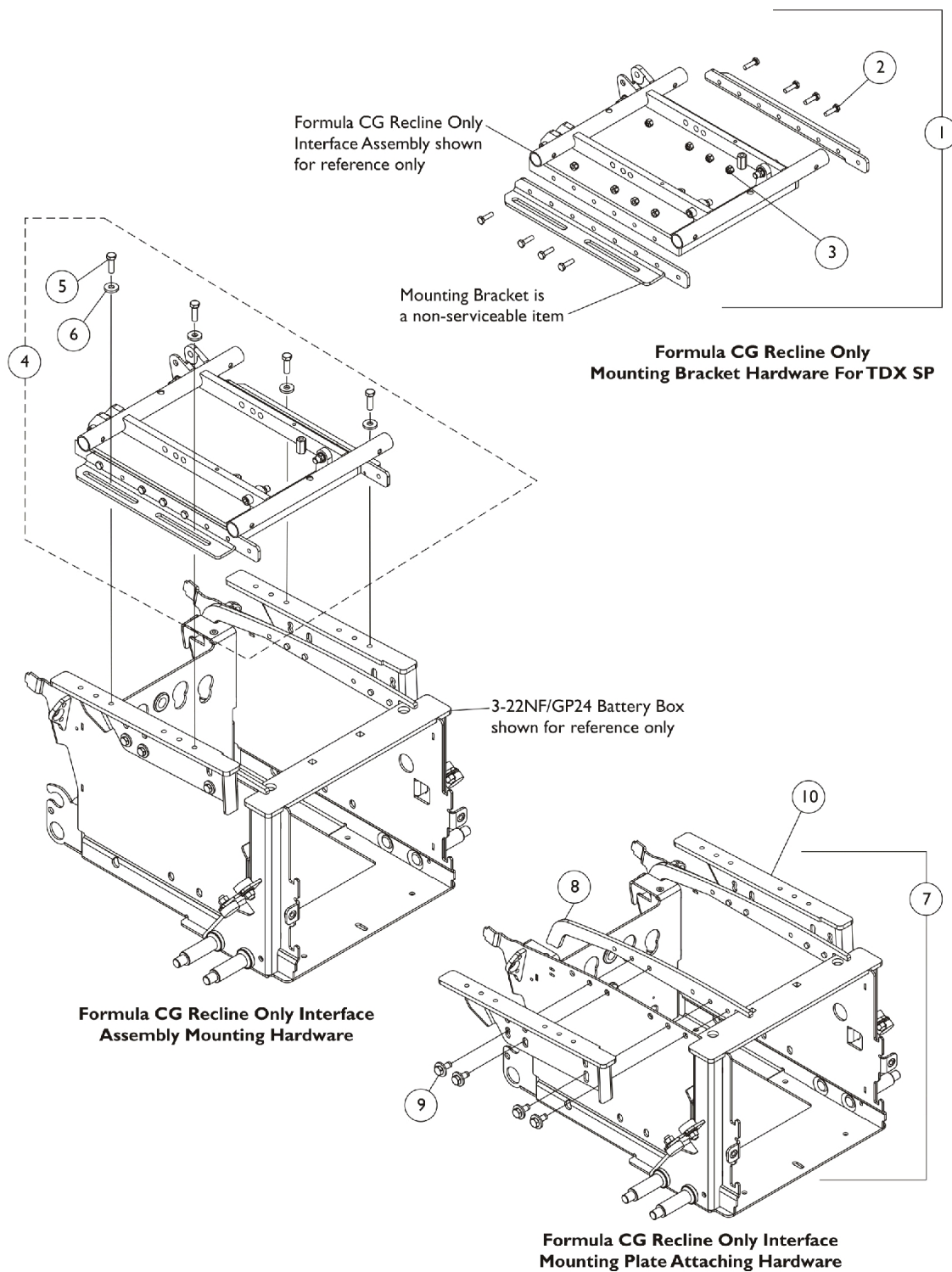
# Seat Frame Mounting Hardware & Interface Mtg. Plates (CGR) For TDX SP/SP-GT/SR w/ 3-22NF/GP24 Batteries (Before 7/14/11)



## Seat Frame Mounting Hardware & Interface Mtg. Plates (CGR) For TDX SP/SP-GT/SR w/ 3-22NF/GP24 Batteries (Before 7/14/11)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1143803-NLA	NLA - Kit, Seat Mounting Plate Hardware (Recline Only)	1	1
2			Screw, Hex Head (1/4-20 x 7/8")	1	8
3			Locknut (1/4-20)	1	8
4	B	1147142	Kit, Formula CGT/CGR/CGTR Interface Asbly. Mtg. Hdwr. (For TDX SP w/ GP 24 Batteries Less Vent Option)	1	1
5			Screw, Hex Head w/ Patch (5/16-18 x 3/4")	1	4
6			Washer, Flat (21/64 x 53/64 x 7/64")	1	4
4	C	1147146-NLA	NLA - Kit, Formula CG Tilt, Recline & Tilt/Recline Interface Asbly. Mtg. Hdwr. (For TDX SP w/ GP 24 Batteries and Vent Option)	1	1
5			NLA - Screw, Socket Head (5/16-18 x 3/4")	1	4
6			Washer, Flat (21/64 x 53/64 x 7/64")	1	4
7	C	1147130	Kit, Interface Mounting Plate Hardware	1	1
8			Plate, Nut	1	2
9			Screw, Hex Head SEMS w/ Patch (5/16-18 x 3/4")	1	8
10	D	1147111-NLA	NLA - Plate, Low Interface Mounting - Right	1	1
10	D	1147112-NLA	NLA - Plate, Low Interface Mounting - Left	1	1
10	E	1148019-NLA	NLA - Plate, Medium Interface Mounting - Right	1	1
10	E	1148020-NLA	NLA - Plate, Medium Interface Mounting - Left	1	1
10	F	1148021-NLA	NLA - Plate, High Interface Mounting - Right	1	1
10	F	1148022-NLA	NLA - Plate, High Interface Mounting - Left	1	1
<b>NOTE:</b> A - Includes items 2 and 3 B - Includes items 5 and 6 C - Includes items 8 and 9 D - Low Seat-To-Floor = 17.5" at 0 degrees E - Medium Seat-To-Floor = 18.5" at 0 degrees F - High Seat-To-Floor = 19.5" at 0 degrees					

# Seat Frame Mounting Hardware & Interface Mtg. Plates (CGR) For TDX SP/SP-GT/SR w/ 3-22NF/GP24 Batteries After 7/13/11

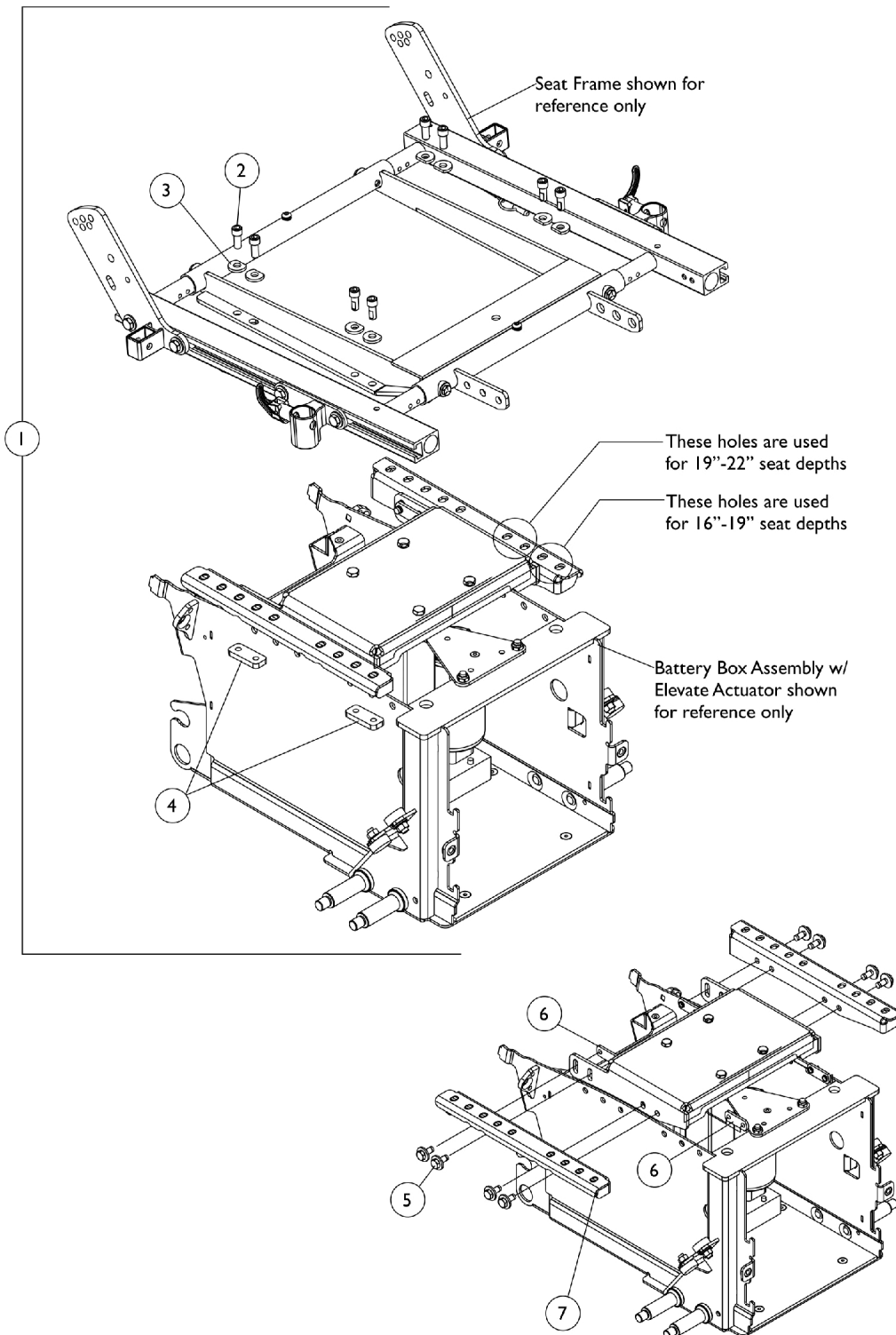


## Seat Frame Mounting Hardware & Interface Mtg. Plates (CGR) For TDX SP/SP-GT/SR w/ 3-22NF/GP24 Batteries After 7/13/11

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1143803-NLA	NLA - Kit, Seat Mounting Plate Hardware (Recline Only)	1	1
2			Screw, Hex Head (1/4-20 x 7/8")	1	8
3			Locknut (1/4-20)	1	8
4	B	1147142	Kit, Formula CGT/CGR/CGTR Interface Asbly. Mtg. Hdw. (For TDX SP w/ GP 24 Batteries Less Vent Option)	1	1
5			Screw, Hex Head w/ Patch (5/16-18 x 3/4")	1	4
6			Washer, Flat (21/64 x 53/64 x 7/64")	1	4
4	C	1147146-NLA	NLA - Kit, Formula CG Tilt, Recline & Tilt/Recline Interface Asbly. Mtg. Hdw. (For TDX SP w/ GP 24 Batteries and Vent Option)	1	1
5			NLA - Screw, Socket Head (5/16-18 x 3/4")	1	4
6			Washer, Flat (21/64 x 53/64 x 7/64")	1	4
7	C	1147130	Kit, Interface Mounting Plate Hardware	1	1
8			Plate, Nut	1	2
9			Screw, Hex Head SEMS w/ Patch (5/16-18 x 3/4")	1	8
10	D	1173239	Plate, Low Interface Mountng, Black - Right	1	1
10	D	1173240	Plate, Low Interface Mountng, Black - Left	1	1
10	E	1173241	Plate, Medium Interface Mountng, Black - Right	1	1
10	E	1173242	Plate, Medium Interface Mountng, Black - Left	1	1
10	F	1173243	Plate, High Interface Mountng, Black - Right	1	1
10	F	1173244	Plate, High Interface Mountng, Black - Left	1	1
NOTE: A - Includes items 2 and 3 B - Includes items 5 and 6 C - Includes items 8 and 9 D - Low Seat-To-Floor = 17.25-18.25" adjustment range. E - Medium Seat-To-Floor = 18-19" adjustment range. F - High Seat-To-Floor = 19-20" adjustment range.					

# Seat Frame Mounting Hardware (16"-22" Wide) Before 1/4/08 (CGE) - TDX SP/SR

Before 1/4/08 CGE was offered on narrow battery boxes only



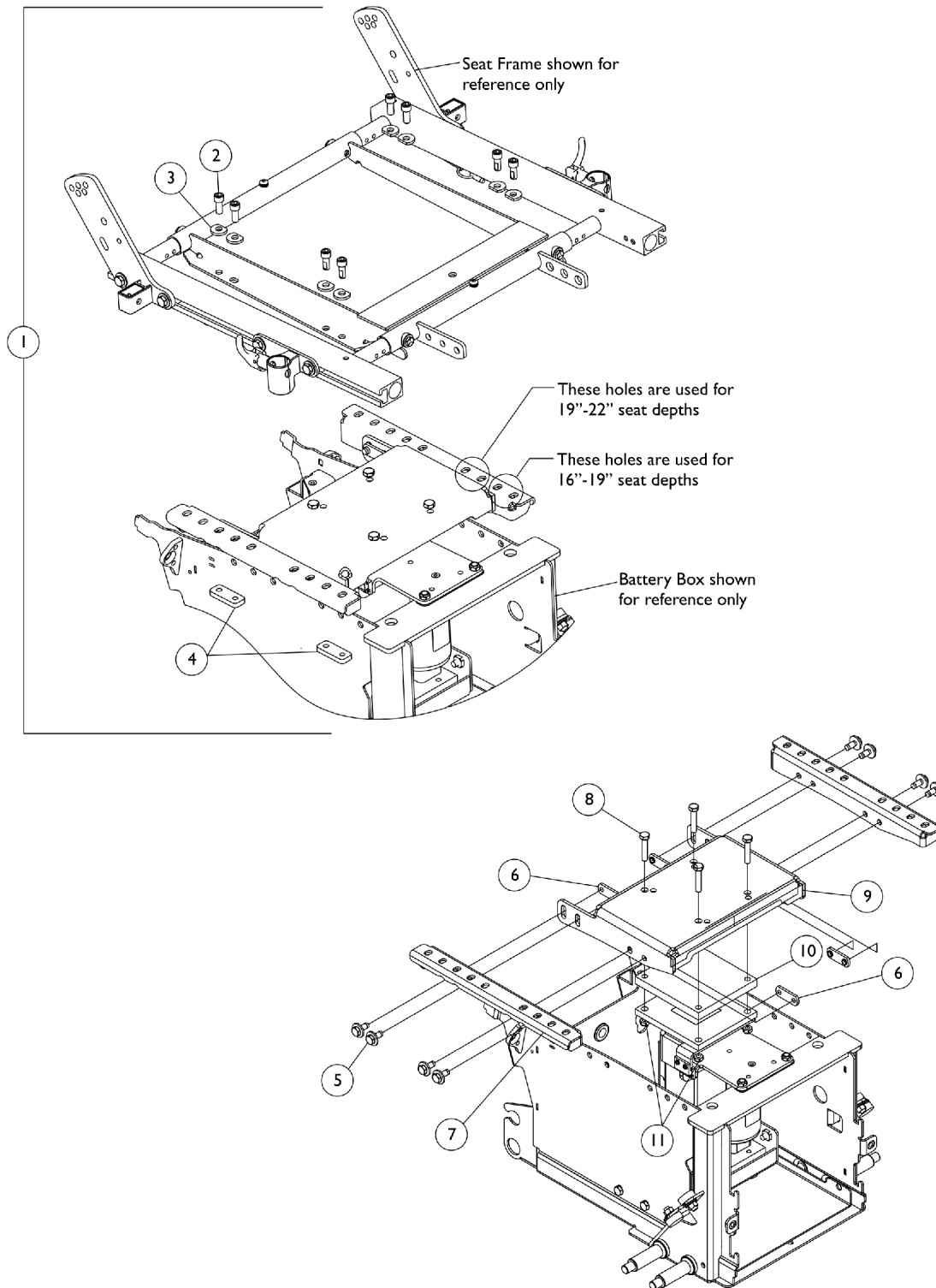
## Seat Frame Mounting Hardware (16"-22" Wide) Before 1/4/08 (CGE) - TDX SP/SR

Before 1/4/08 CGE was offered on narrow battery boxes only

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1144686	Kit, Seat Frame Mounting Hardware	1	1
2			NLA - Screw, Socket Head (5/16-18 x 3/4")	1	8
3			NLA - Washer, Ground (11/32 x 13/16 x 1/8")	1	8
4			Plate, Nut (5/16-18)	1	4
5		1142304	Screw, Hex Head SEMS w/ Patch (5/16-18 x 3/4")	1	8
6		1121721-NLA	NLA - Nut, Weld (5/16-18 x 1-1/8" Spacing)	1	4
7		1121710	NLA - Plate, Elevate Seat Mounting - Right	1	1
7		1121711-NLA	NLA - Plate, Elevate Seat Mounting - Left	1	1
NOTE: A - Includes items 2-4					

# Seat Frame Mounting Hardware (16"-22" Wide) After 1/3/08 (CGE) - TDX SP/SP-GT/SR

After 1/3/08 CGE is offered on narrow and wide battery boxes

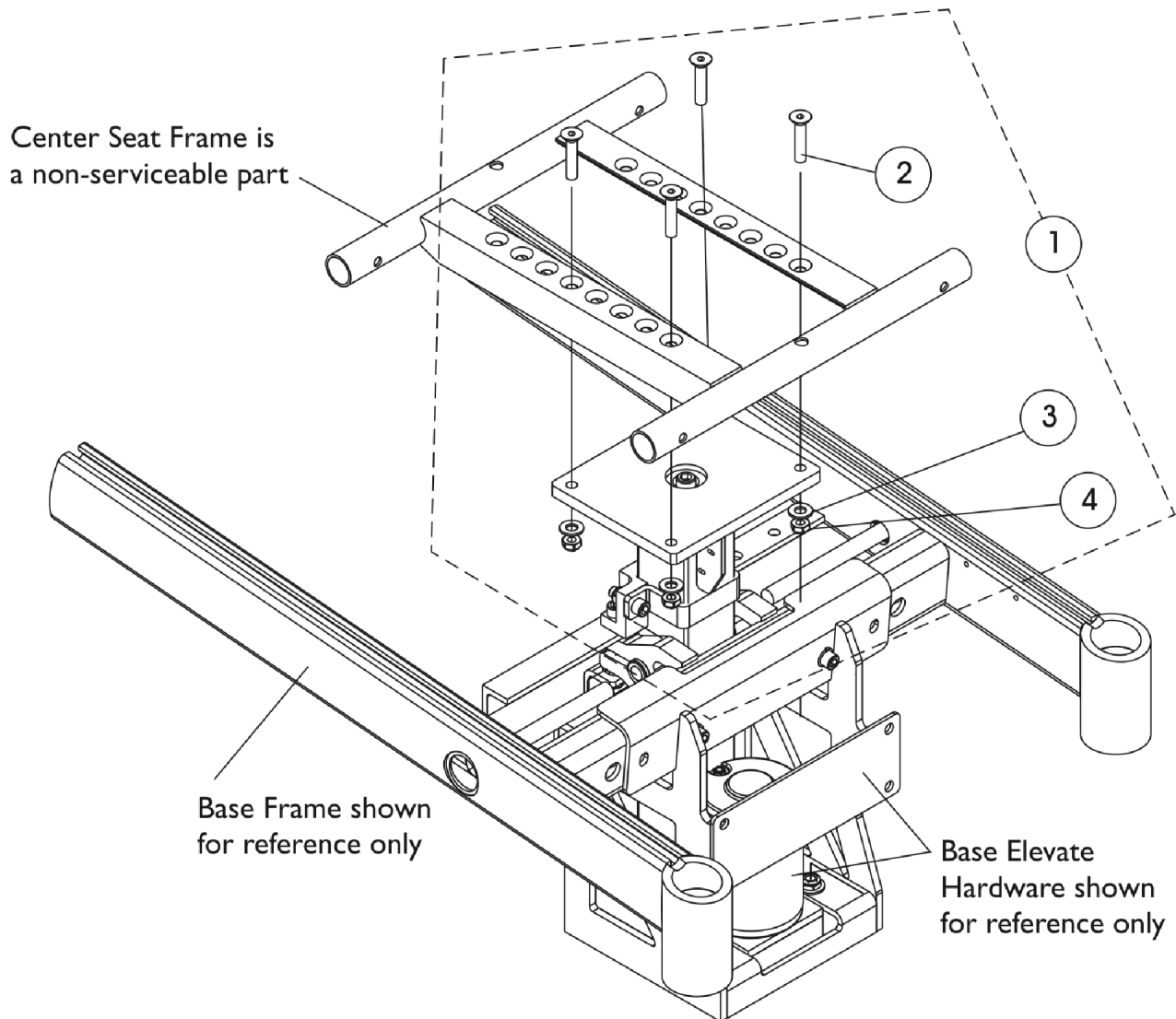


## Seat Frame Mounting Hardware (16"-22" Wide) After 1/3/08 (CGE) - TDX SP/SP-GT/SR

After 1/3/08 CGE is offered on narrow and wide battery boxes

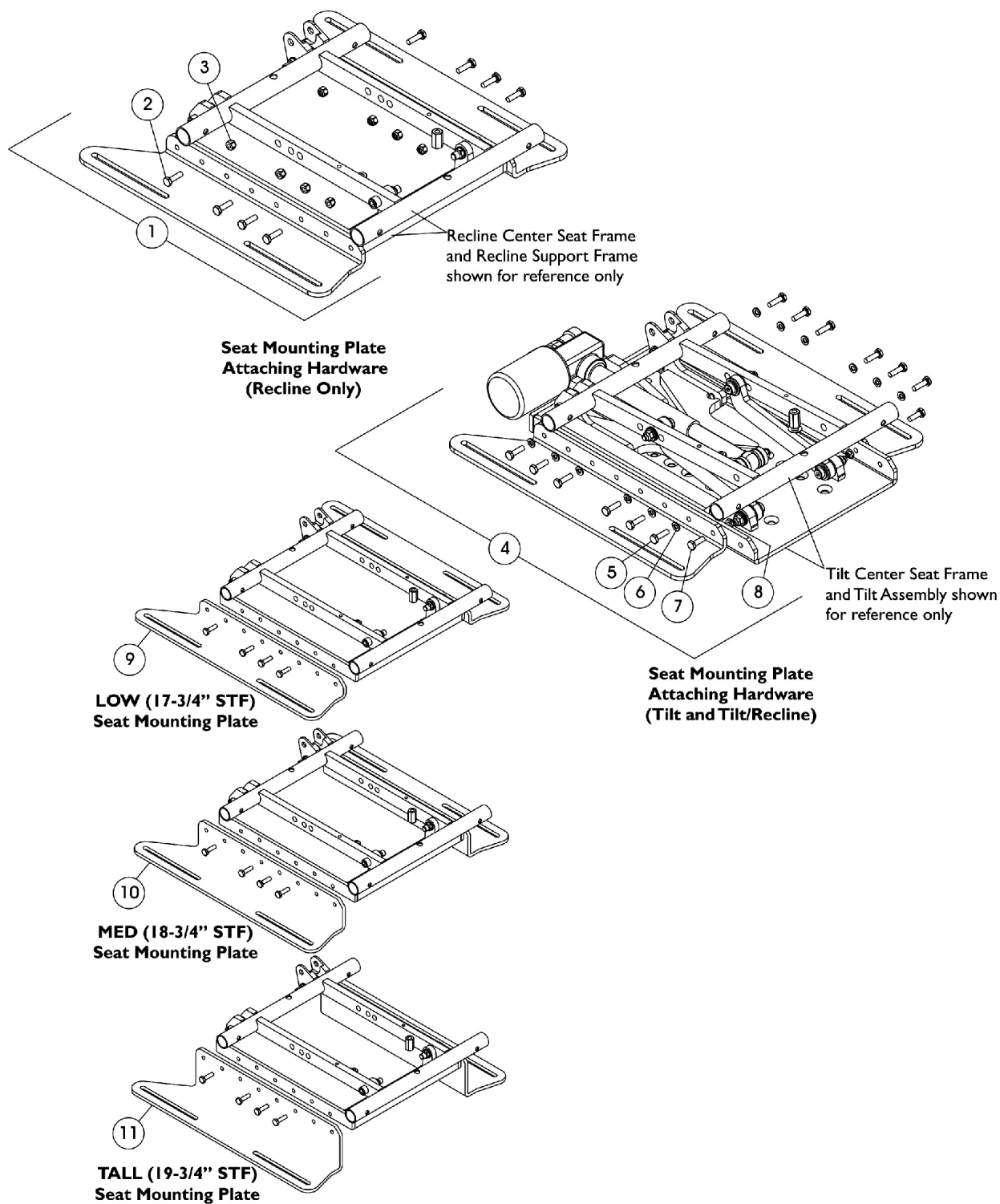
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1144686	Kit, Seat Frame Mounting Hardware	1	1
2			NLA - Screw, Socket Head (5/16-18 x 3/4")	1	8
3			NLA - Washer, Ground (11/32 x 13/16 x 1/8")	1	8
4			Plate, Nut (5/16-18)	1	4
5		1142304	Screw, Hex Head SEMS w/ Patch (5/16-18 x 3/4")	1	8
6		1121721-NLA	NLA - Nut, Weld (5/16-18 x 1-1/8" Spacing)	1	4
7		1121710	NLA - Plate, Elevate Seat Mounting - Right	1	1
7		1121711-NLA	NLA - Plate, Elevate Seat Mounting - Left	1	1
8		1070398-NLA	NLA - Screw, Hex Head (5/16-18 x 1-1/2")	1	4
9		1147098-NLA	NLA - Bracket, Seat Mounting, Elevate, Black	1	1
10		1154065-NLA	NLA - Block, Actuator Motor Spacer	1	1
11		1028769	Locknut (5/16-18)	1	4
NOTE: A - Includes items 2-4					

## Seat Frame Mounting Hardware Elevate (16"-22" Wide) (CGE) For 3G Storm



Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1144590-NLA	NLA - Kit, Seat Frame Mtg. Hdwr. 16"-22" Wide (3G Storm Elevate Only)	1	1
2			NLA - Screw, Socket Flat Head (5/16-18 x 1-1/2")	1	4
3			Washer, Steel (11/32 x 11/16 x 1/16")	1	4
4			Locknut (5/16-18)	1	4
NOTE: A - Includes items 2-4					

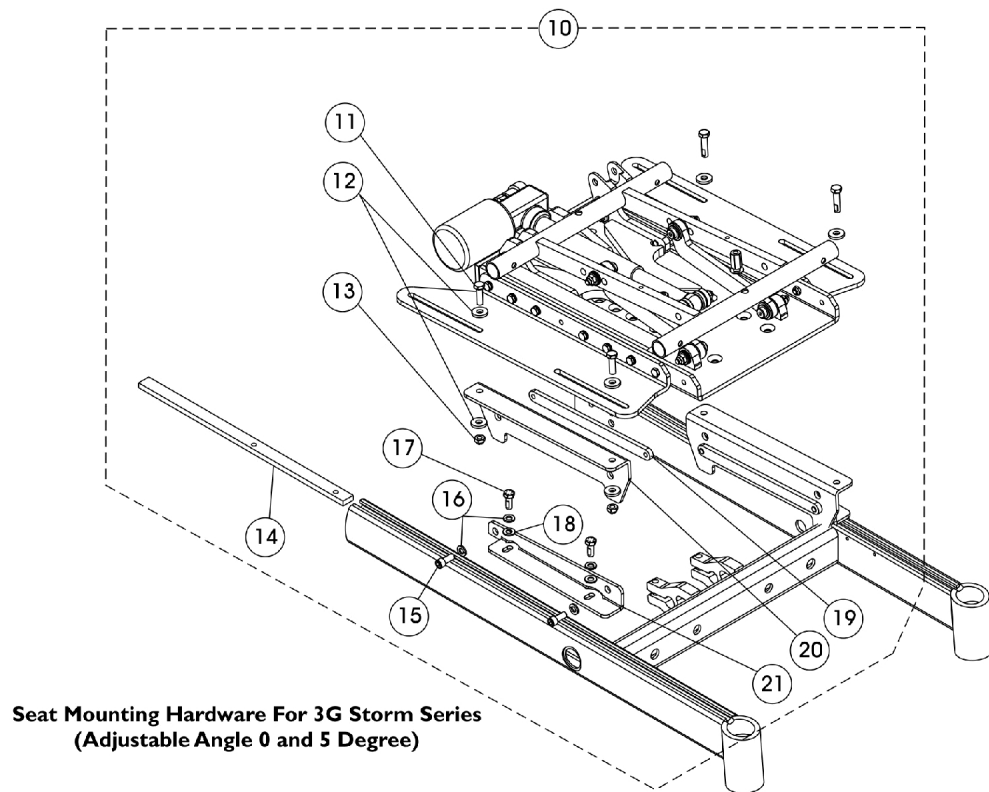
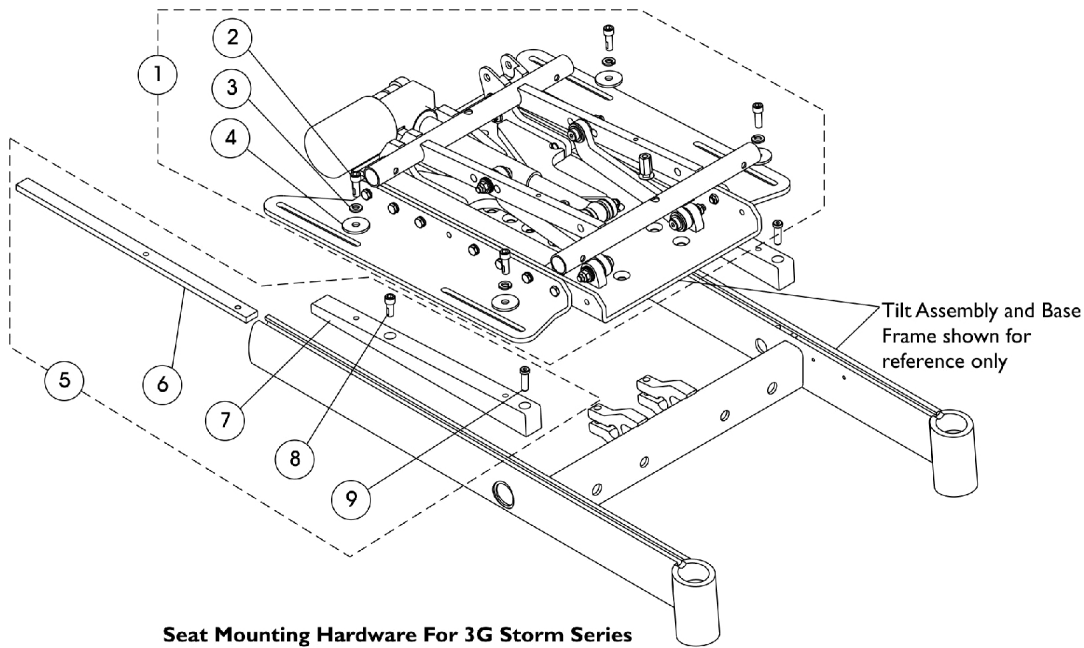
# Seat Frame Mounting Plates and Hardware (LOW, MED, TALL Seat-To-Floor Heights) For 3G Storm



## Seat Frame Mounting Plates and Hardware (LOW, MED, TALL Seat-To-Floor Heights) For 3G Storm

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1143803	NLA - Kit, Seat Mounting Plate Hardware (Recline Only)	1	1
2			Screw, Hex Head (1/4-20 x 7/8")	1	8
3			Locknut (1/4-20)	1	8
4	B	1143802	Kit, Seat Mounting Plate Hardware (Tilt & Tilt/Recline)	1	1
5			NLA - Screw, Hex Head (1/4-20 x 1")	1	12
6			Lockwasher, Split (1/4")	1	12
7			NLA - Bolt, Hex Head Cap (1/4-20 x 3/4")	1	2
8			Locknut (1/4-20)	1	2
9	C	1144769	Plate, LOW (17-3/4" STF) Seat Mounting (Pair)	2	1
10	C	1144770	Plate, MED (18-3/4" STF) Seat Mounting (Pair)	2	1
11	C	1144771	Plate, TALL (19-3/4" STF) Seat Mounting (Pair)	2	1
NOTE: A - Includes items 2-3 B - Includes items 5-8 C - Part Number contains the Right and Left side Brackets					

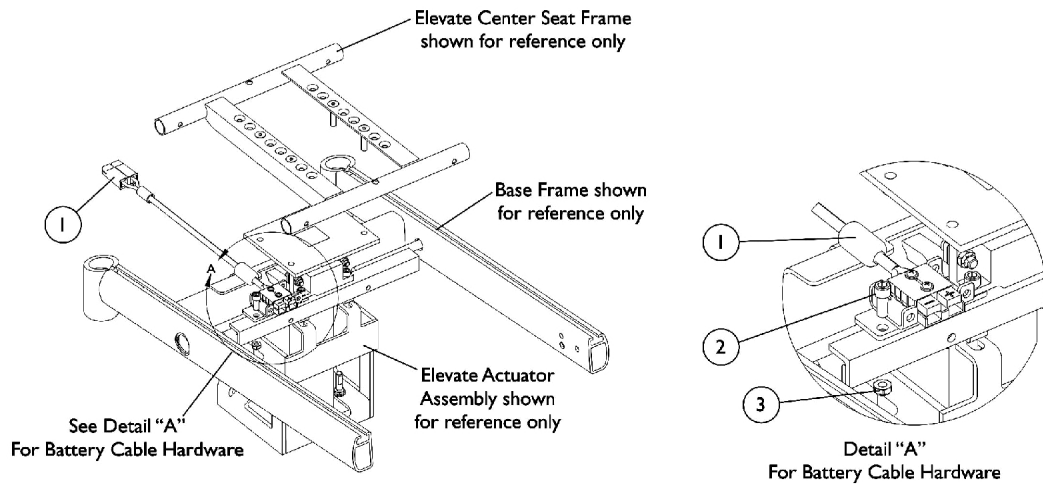
# Seat Frame Mounting Hardware (Non-Adj. & Adj. Angle) For 3G Storm



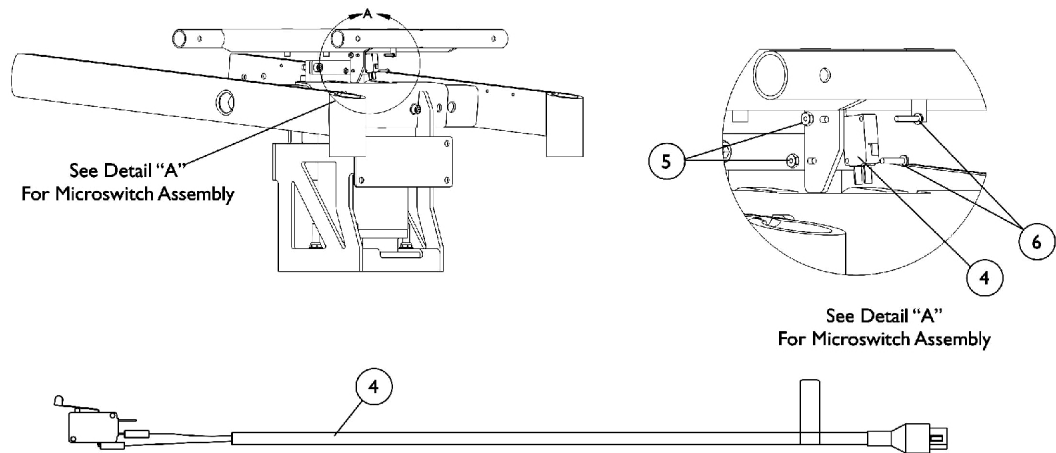
## Seat Frame Mounting Hardware (Non-Adj. & Adj. Angle) For 3G Storm

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1145484	Kit, Non-Adj. Angle Seat Frame Mounting Hardware (0 Deg.)	1	1
2			Screw, Socket Head w/ Patch (5/16-18 x 7/8")	1	4
3			NLA - Lockwasher, Split (5/16")	1	4
4			Washer, Steel (11/32 x 1-1/4 x 1/8")	1	4
5	B	1144765	Kit, Wedge Mounting Assembly	1	1
6			Bar, Clamping	1	2
7			Wedge, Mounting, Black	1	2
8			NLA - Screw, Socket Head (5/16-18 x 3/4")	1	2
9			NLA - Screw, Socket Head (5/16-18 x 1")	1	2
10	C	1144768	Kit, Adj. Angle Bracket Assembly (0 - 5 Deg.)	1	1
11			Screw, Hex Head w/ Patch (5/16-18 x 1-1/4")	1	4
12			Washer, Flat (21/64 x 53/64 x 7/64")	1	8
13			Locknut (5/16-18)	1	4
14			Bar, Clamping	1	2
15			NLA - Screw, Socket Head (5/16-18 x 3/4")	1	4
16			NLA - Washer, Lock (5/16 x 9/16 x 1/16")	1	8
17			Screw, Hex Head w/ Patch (5/16-18 x 3/4")	1	4
18			NLA - Washer, Steel (5/16 x 5/8 x 1/16")	1	4
19			Strap, Bolt	1	2
20			Bracket, Adjustable Mounting (0 - 5 Deg.)	1	2
21			Bracket, Adjustable Angle - Right	1	1
21			Bracket, Adjustable Angle - Left	1	1
NOTE: A - Includes items 2-4 B - Includes items 6-9 C - Includes items 11-21. The Adjustable Angle Bracket is used when the 5SA model pick is selected on-chair. The bracket is slotted to allow 0 - 5 degree adjustments.					

# Base Frame Elevate Battery Cable (GP24 Batteries) and Microswitch Assembly For 3G Storm



## Battery Cable Hardware For (GP24) Batteries For 3G Storm with Formula CG Elevate



## Microswitch Assembly Hardware For 3G Storm with Formula CG Elevate

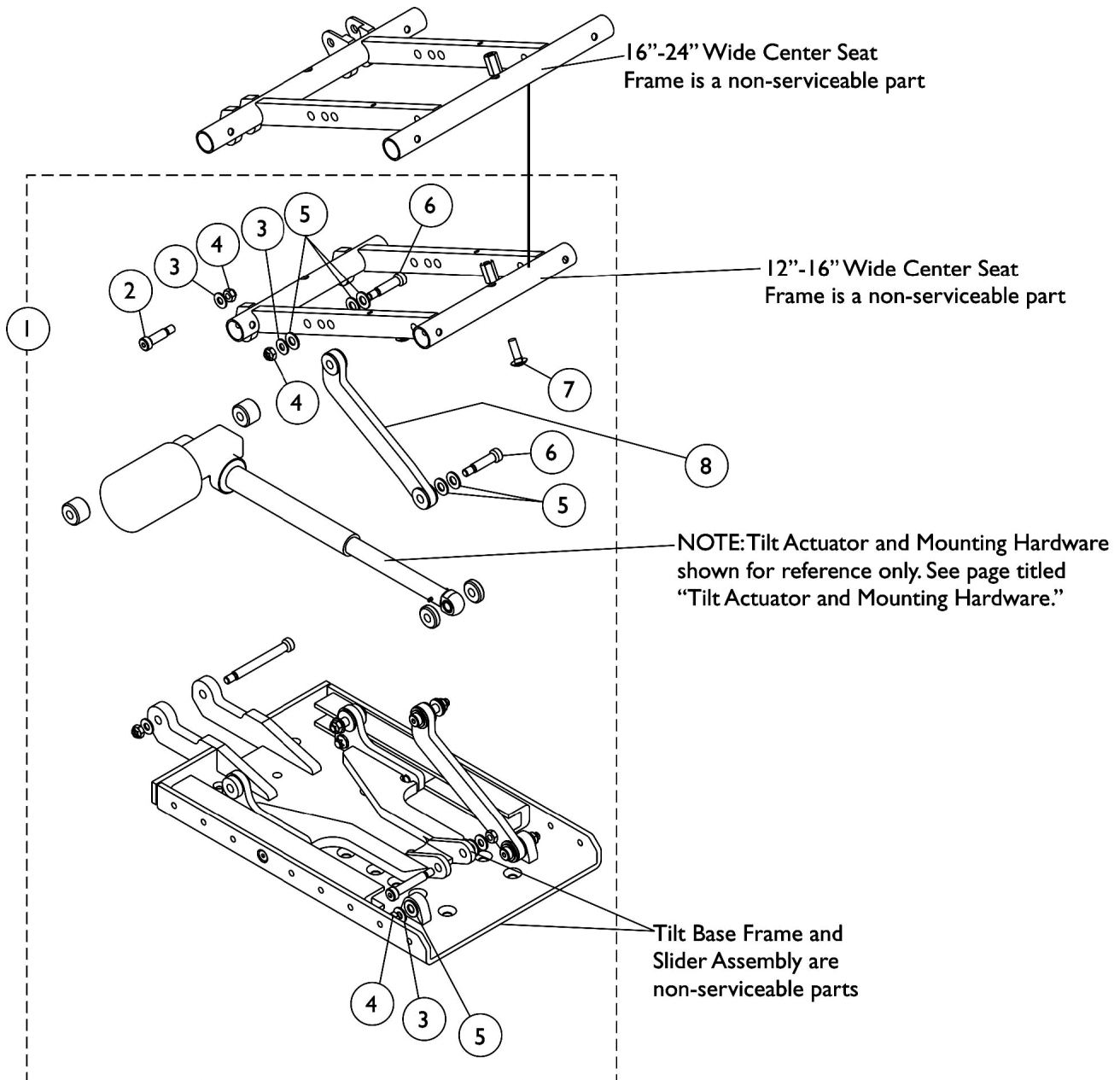
# Base Frame Elevate Battery Cable (GP24 Batteries) and Microswitch Assembly For 3G Storm

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1136055	Cable and Bracket w/ Black Connector (GP24 Batteries & 4-Pole Motors)	1	1
2		1086944-NLA	NLA - Screw, Socket Head (5/16-18 x 3/4")	1	2
3		1028769	Locknut (5/16-18)	1	2
4		1145399	MK6i Microswitch Assembly	1	1
5		1005889	NLA - Locknut (#4-40)	1	2
6		1118765-NLA	NLA - Screw, Phillips Pan Head (#4-40 x 5/8")	1	2

# Tilt Links and Mounting Hardware

Before 4/2/13

NOTE: Item #8 Tilt Links are currently not available as a service part in the field.



# Tilt Links and Mounting Hardware

## Before 4/2/13

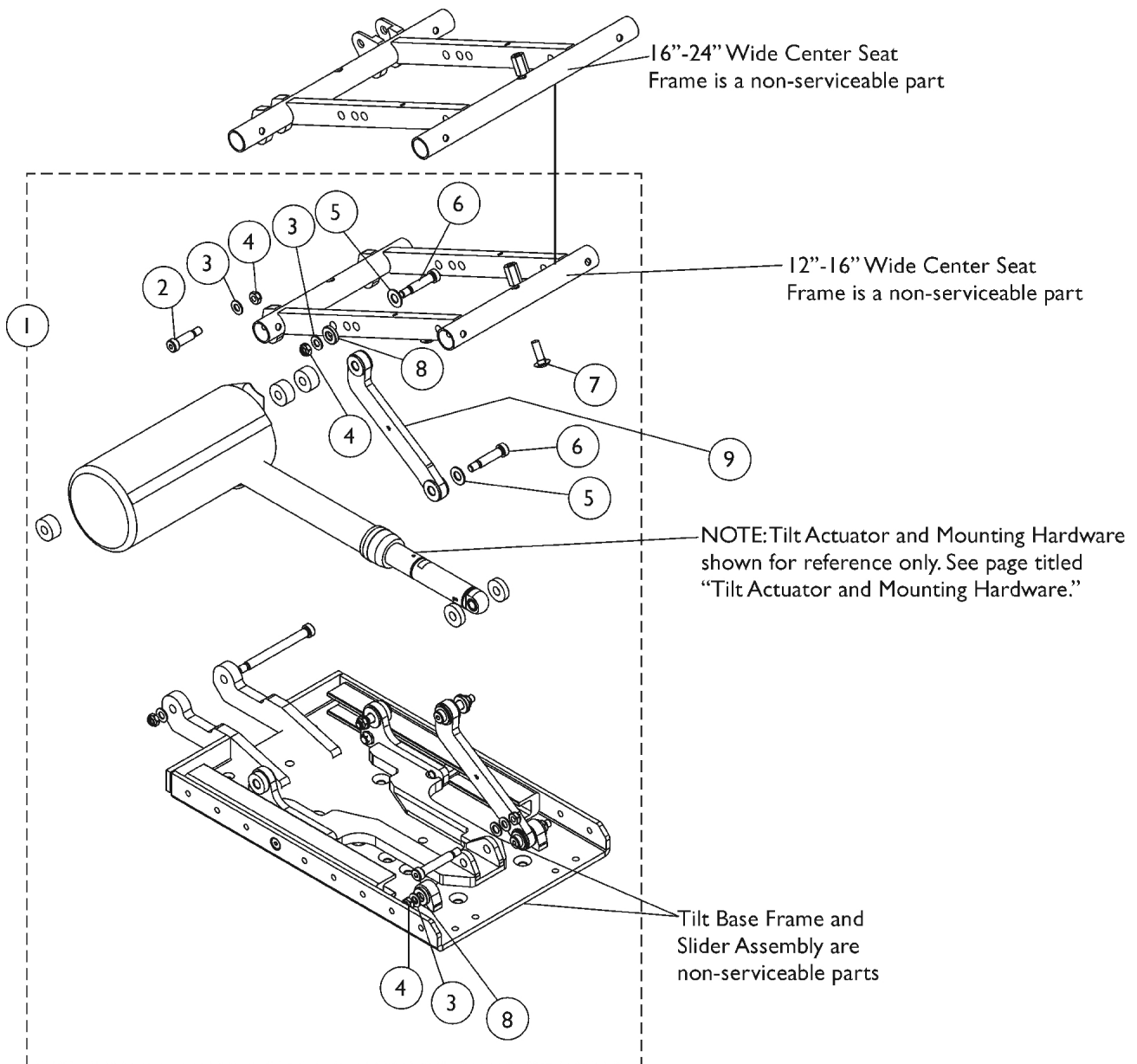
**NOTE: Item #8 Tilt Links are currently not available as a service part in the field.**

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A,B,C	1146451-NLA	NLA - Kit, Tilt Link Mounting Hardware (12" - 16" W)	1	1
2			NLA - Screw, Shoulder Hex Socket Head (3/8 x 1", 5/16-18)	1	2
3			Washer, Steel (11/32 x 11/16 x 1/16")	1	6
4			Locknut (5/16-18)	1	6
5			Washer, Nylon (3/8 x 13/16 x 1/16")	1	12
6			Screw, Shoulder Hex Socket (3/8 x 1-1/4", 5/16-18)	1	4
7			Bolt, Round Head Square Neck (5/16-18 x 1")	1	2
1	A,B,C	1144587-NLA	NLA - Kit, Tilt Link Mounting Hardware (16" - 24" W)	1	1
2			Screw, Shoulder Hex Socket Head (3/8 x 1-1/2", 5/16-18)	1	2
3			Washer, Steel (11/32 x 11/16 x 1/16")	1	6
4			Locknut (5/16-18)	1	6
5			Washer, Nylon (3/8 x 13/16 x 1/16")	1	12
6			Screw, Shoulder Hex Socket (3/8 x 1-1/4", 5/16-18)	1	4
7			Bolt, Round Head Square Neck (5/16-18 x 1")	1	2
NOTE: A - Includes items 2-7. Tilt Link Mounting Hardware is used for both Conventional and Smart Actuator Motors B - Item #8 Tilt Links are currently not available as a service part in the field. C - No Longer Available. See page titled "Tilt Links and Mounting Hardware After 4/1/13". Part #1146451 replaced with 1180311. Part #1144587 replaced with 1180312.					

# Tilt Links and Mounting Hardware

After 4/1/13

**NOTE:** Item #9 Tilt Links are currently not available as a service part in the field.



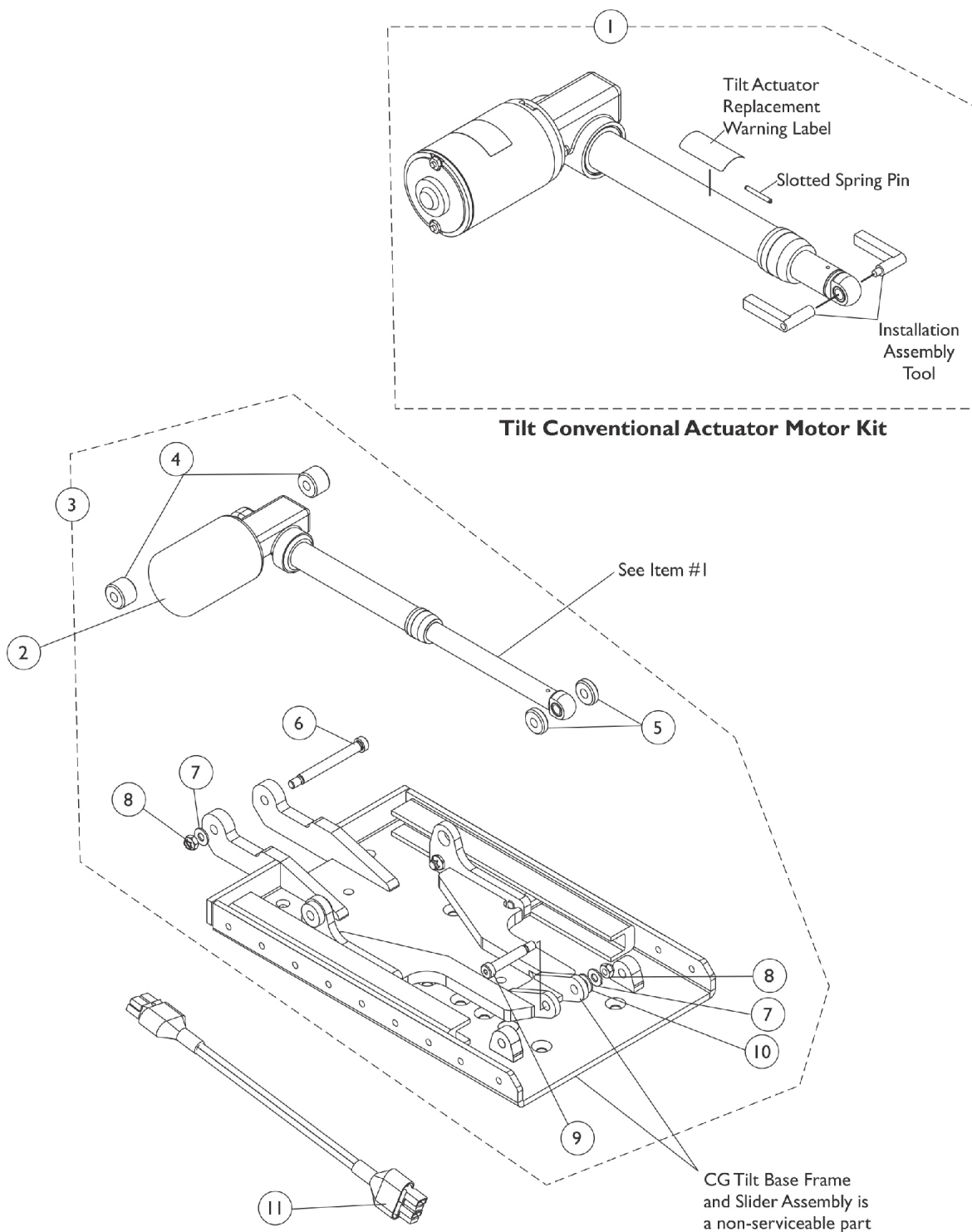
# Tilt Links and Mounting Hardware

## After 4/1/13

**NOTE: Item #9 Tilt Links are currently not available as a service part in the field.**

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A,B	1180311	Kit, Tilt Link Mounting Hardware (12" - 16" W)	1	1
2			NLA - Screw, Shoulder Hex Socket Head (3/8 x 1", 5/16-18)	1	2
3			Washer, Flat (5/16 x 5/8 x 1/16")	1	6
4			Locknut (5/16-18)	1	6
5			Washer, Nylon (3/8 x 13/16 x 1/16")	1	4
6			Screw, Shoulder Hex Socket (3/8 x 1-1/4", 5/16-18)	1	4
7			Bolt, Round Head Square Neck (5/16-18 x 1")	1	2
8			Spacer (3/8 x 13/16 x 11/64")	1	4
	A,B	1180312	Instruction Sheet, Tilt Link Installation	1	1
1			Kit, Tilt Link Mounting Hardware (16" - 24" W)	1	1
2			Screw, Shoulder Hex Socket Head (3/8 x 1-1/2", 5/16-18)	1	2
3			Washer, Flat (5/16 x 5/8 x 1/16")	1	6
4			Locknut (5/16-18)	1	6
5			Washer, Nylon (3/8 x 13/16 x 1/16")	1	4
6			Screw, Shoulder Hex Socket (3/8 x 1-1/4", 5/16-18)	1	4
7			Bolt, Round Head Square Neck (5/16-18 x 1")	1	2
8			Spacer (3/8 x 13/16 x 11/64")	1	4
			Instruction Sheet, Tilt Link Installation	1	1
NOTE: A - Includes items 2-8 and Installation Instruction Sheet. Tilt Link Mounting Hardware is used for both Conventional and Smart Actuator Motors					
B - Item #9 Tilt Links are currently not available as a service part in the field.					

# Tilt Conventional Actuator Motor and Mounting Hardware Before 12/10/07



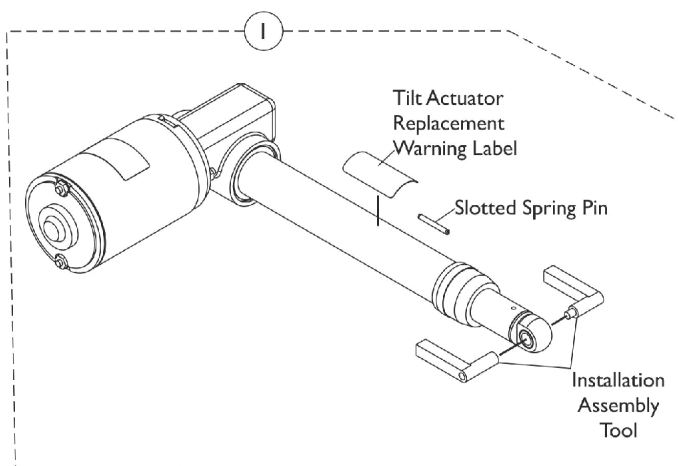
## Tilt Conventional Actuator Motor and Mounting Hardware Before 12/10/07

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	E	1143801-NLA	NLA - Kit, Tilt Conventional Actuator Motor	1	1
1	E	1143801E-NLA	NLA - WARR RPLMT - Kit, Tilt Conventional Actuator Motor	1	1
1	F,G,H	1169660	Kit, Tilt Conventional Actuator Motor	1	1
1	F,G,H	1169660E-NLA	NLA - WARR RPLMT - Kit, Tilt Actuator Conventional Motor	1	1
2		1144610-NLA	NLA - Cover, Tilt Actuator Motor Boot	1	1
3	A	1144588-NLA	NLA - Kit, Tilt Actuator Motor Mounting Hardware	1	1
4			Spacer (3/8 x 1 x 1/2")	1	2
5			NLA - Washer, Nylon (13/32 x 1 x 1/4")	1	2
6			Screw, Shoulder Hex Socket Head (3/8" x 3-1/2", 5/16-18)	1	1
7			Washer, Steel (11/32 x 11/16 x 1/16")	1	2
8			Locknut (5/16-18)	1	2
9			Screw, Shoulder Hex Socket Head (3/8 x 1-3/4", 5/16-18)	1	1
10			Washer, Nylon (3/8 x 13/16 x 1/16")	1	1
11	B	1145414	Cable, Actuator Jumper Adapter (MK6i)	1	1
	D	1150961	Harness, Tilt Actuator and Sensor	1	1
11	C	1101400	Harness, ELRPW Power Legrest - Right	1	1

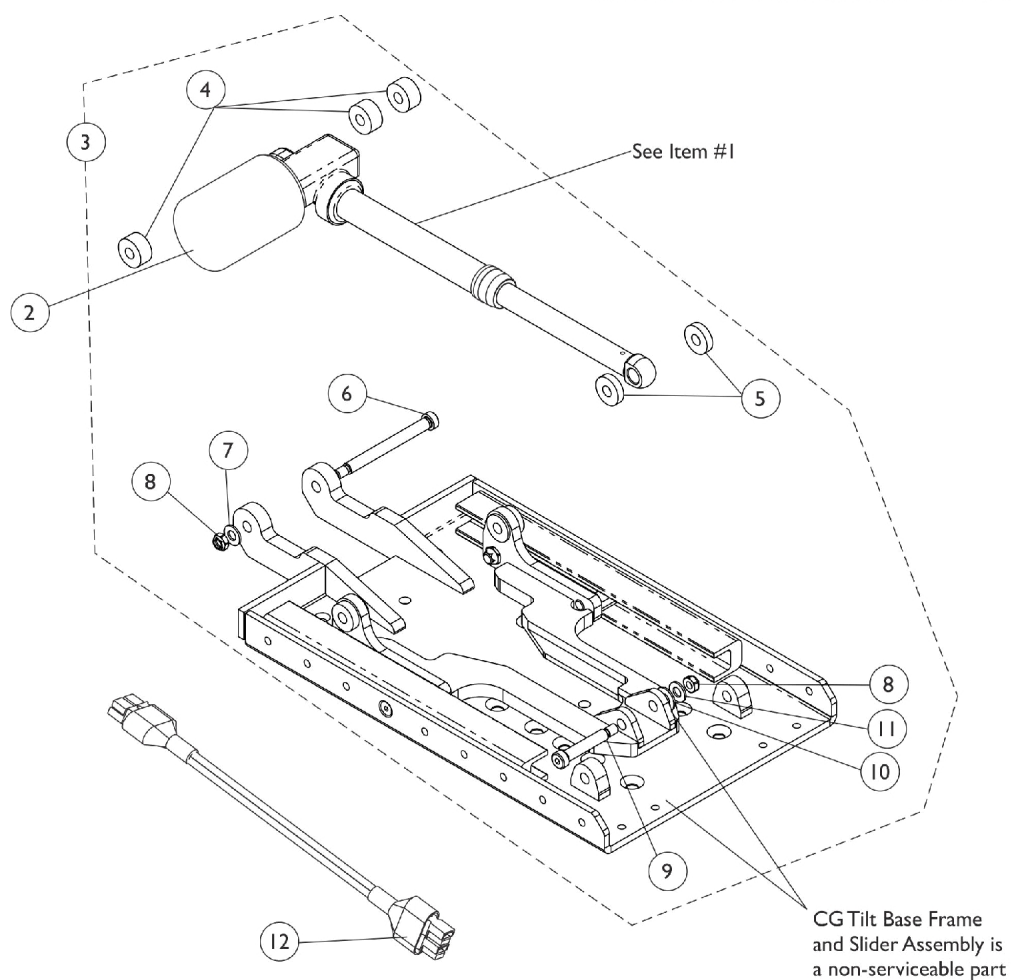
NOTE: A - Includes items 4-10  
 B - Used with TDX SP models only before 6/19/07. No longer required after 6/18/07. If the customer wants to eliminate the need for the adapter cable, order part # 1150961 "Harness, Tilt Actuator and Sensor" that was revised to eliminate the adapter cable  
 C - Used for 3G Storm Series models with 4-Pole Motors  
 D - Not Shown. Harness was lengthened after 6/18/07 to eliminate the requirement for part # 1145414 Actuator Jumper Adapter Cable for TDX SP models.  
 E - Part Number 1143801 and 1143801E are No Longer Available. Order part number 1169660 or 1169660E as a replacement.  
 F - Due to NEW Installation procedures, refer to the Tilt Actuator Replacement Instructions included with the Kit for assistance.  
 G - Includes the Tilt Conventional Actuator Motor, Bushings, Installation Assembly Tool, Slotted Spring Pin, Silicon Lubricant, Warning Label and Instructions. Components are not sold separately.  
 H - Includes Part #1190604 Supplemental Power Wheelchair Warnings/Wear and Tear Information Owner's Manual.

# Tilt Conventional Actuator Motor and Mounting Hardware

12/10/07-4/1/13



**Tilt Conventional Actuator Motor Kit**



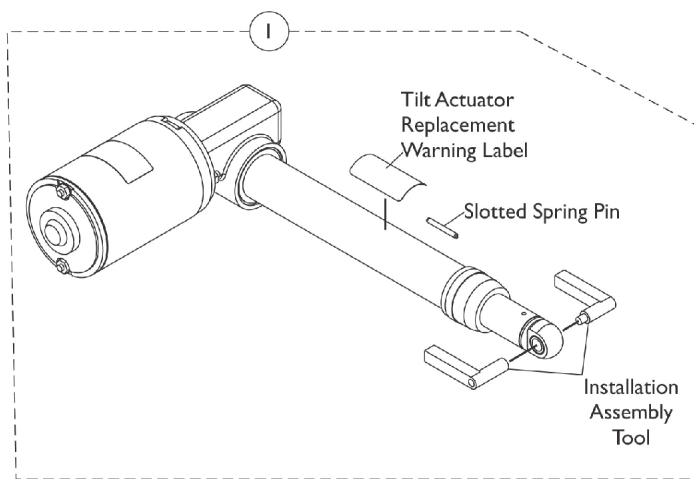
# Tilt Conventional Actuator Motor and Mounting Hardware

## 12/10/07-4/1/13

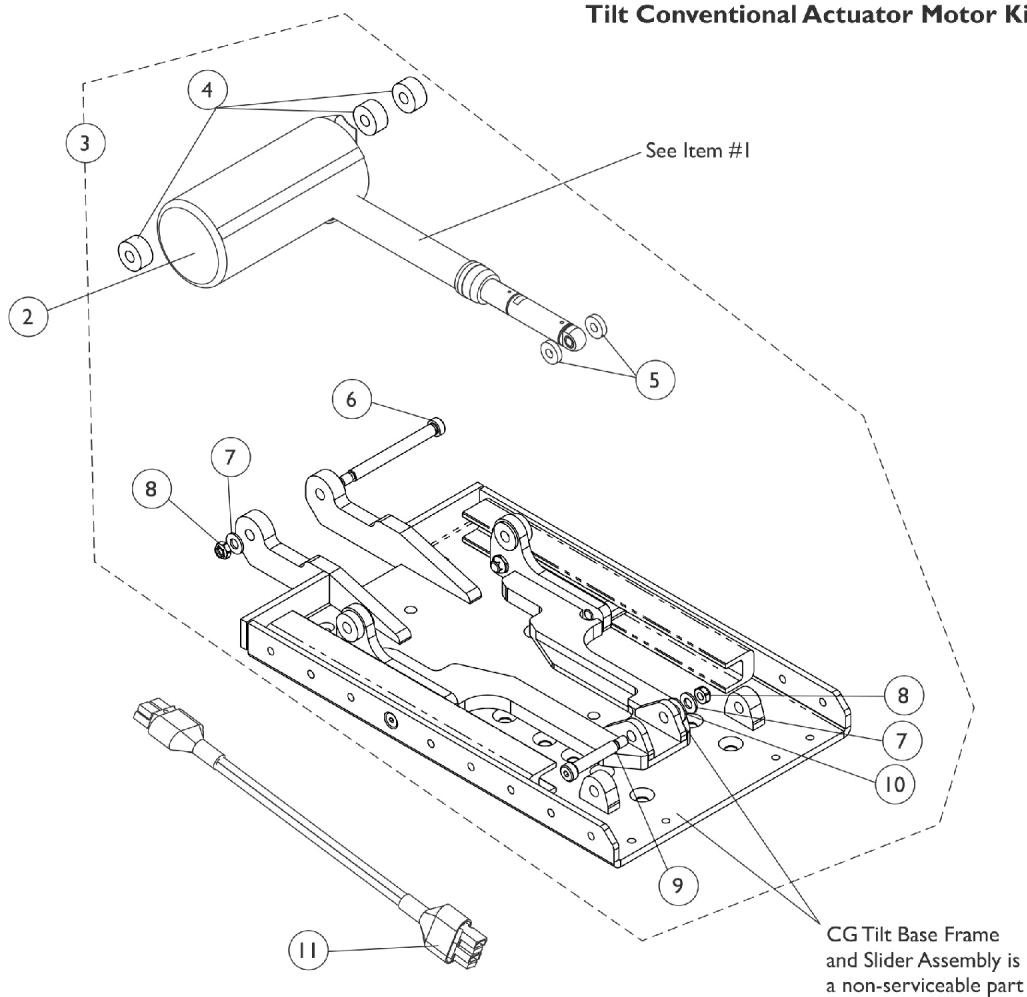
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	C,D,F	1169660	Kit, Tilt Conventional Actuator Motor	1	1
1	C,D,F	1169660E-NLA	NLA - WARR RPLMT - Kit, Tilt Actuator Conventional Motor	1	1
2		1144610-NLA	NLA - Cover, Tilt Actuator Motor Boot	1	1
3	A,E	1153721-NLA	NLA - Kit, Tilt Actuator Motor Mounting Hardware	1	1
4			Spacer (3/8 x 1 x 1/2")	1	3
5			NLA - Washer, Nylon (13/32 x 1 x 1/4")	1	2
6			Screw, Shoulder Hex Socket Head (3/8" x 3-1/2", 5/16-18)	1	1
7			Washer, Steel (11/32 x 11/16 x 1/16")	1	1
8			Locknut (5/16-18)	1	2
9			Screw, Shoulder Hex Socket Head (3/8 x 1-3/4", 5/16-18)	1	1
10			Washer, Plain (1/4 x 9/16 x 1/16")	1	1
11			Washer, Flat (5/16 x 5/8 x 1/16")	1	1
12	B	1101400	Harness, ELRPW Power Legrest - Right	1	1
<b>NOTE:</b> A - Includes items 4-11 B - Used for 3G Storm Series models with 4-Pole Motors. Not required for TDX SP models. C - Due to NEW Installation procedures, refer to the Tilt Actuator Replacement Instructions included with the Kit for assistance. D - Includes the Tilt Conventional Actuator Motor, Bushings, Installation Assembly Tool, Slotted Spring Pin, Silicon Lubricant, Warning Label and Instructions. Components are not sold separately. E - No Longer Available. See page titled "Tilt Conventional Actuator Motor and Mounting Hardware After 4/1/13". Part #1153721 was replaced with 1180313. F - Includes Part #1190604 Supplemental Power Wheelchair Warnings/Wear and Tear Information Owner's Manual.					

# Tilt Conventional Actuator Motor and Mounting Hardware

## After 4/1/13



**Tilt Conventional Actuator Motor Kit**



CG Tilt Base Frame and Slider Assembly is a non-serviceable part

# Tilt Conventional Actuator Motor and Mounting Hardware

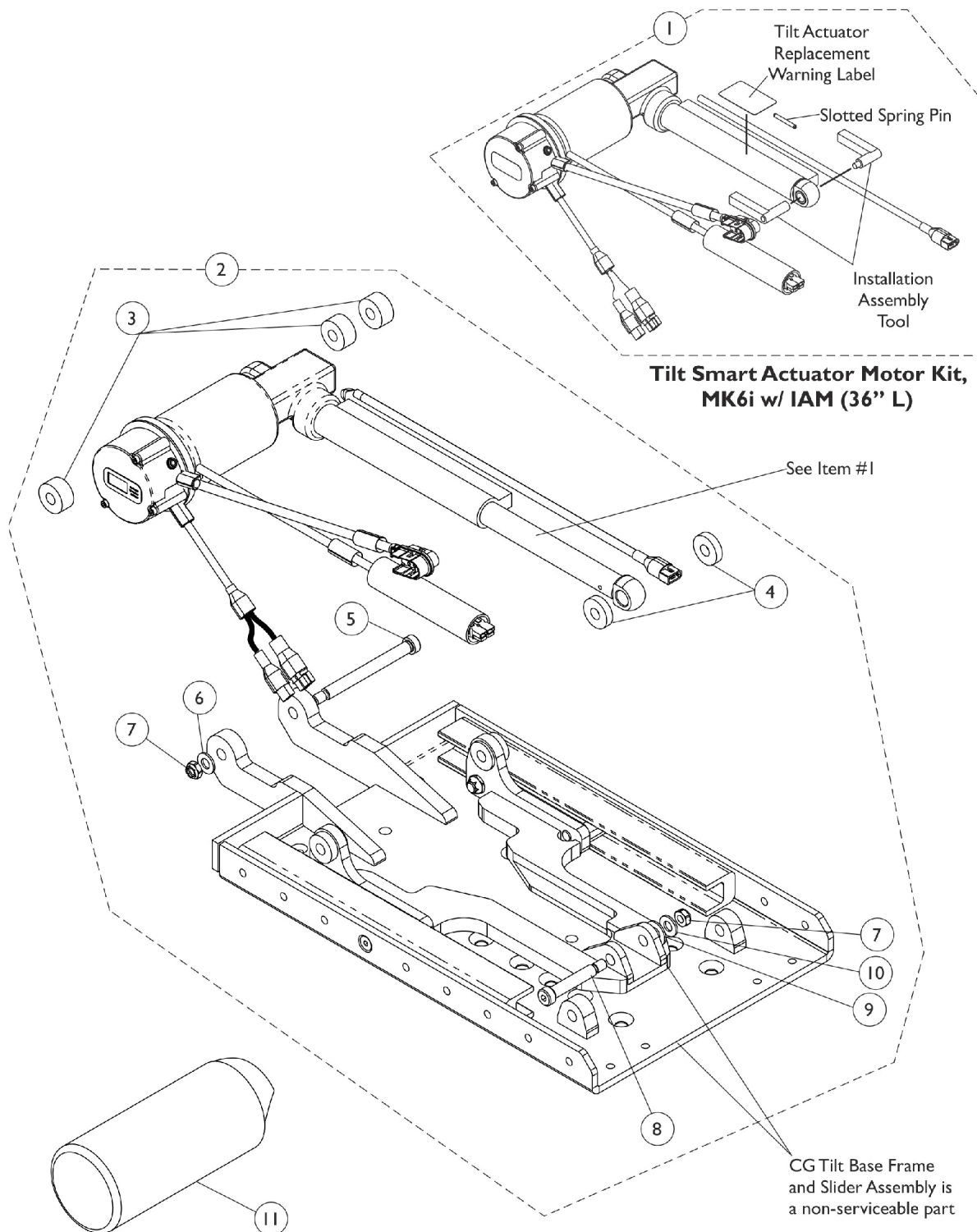
## After 4/1/13

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	C,D,E	1169660	Kit, Tilt Conventional Actuator Motor	1	1
1	C,D,E	1169660E-NLA	NLA - WARR RPLMT - Kit, Tilt Actuator Conventional Motor	1	1
2		1144610-NLA	NLA - Cover, Tilt Actuator Motor Boot	1	1
3	A	1180313	Kit, Tilt Actuator Motor Mounting Hardware	1	1
4			Spacer (3/8 x 1 x 1/2")	1	3
5			NLA - Washer, Nylon (13/32 x 1 x 1/4")	1	2
6			Screw, Shoulder Hex Socket Head (3/8" x 3-1/2", 5/16-18)	1	1
7			Washer, Flat (5/16 x 5/8 x 1/16")	1	2
8			Locknut (5/16-18)	1	2
9			Screw, Shoulder Hex Socket Head (3/8 x 1-3/4", 5/16-18)	1	1
10			Washer, Plain (1/4 x 9/16 x 1/16")	1	1
			Instruction Sheet, Tilt Actuator Motor Installation	1	1
11	B	1101400	Harness, ELRPW Power Legrest - Right	1	1
<b>NOTE:</b> A - Includes items 4-10 and Installation Instruction Sheet B - Used for 3G Storm Series models with 4-Pole Motors. Not required for TDX SP models. C - Due to NEW Installation procedures, refer to the Tilt Actuator Replacement Instructions included with the Kit for assistance. D - Includes the Tilt Conventional Actuator Motor, Bushings, Installation Assembly Tool, Slotted Spring Pin, Silicon Lubricant, Warning Label and Instructions. Components are not sold separately. E - Includes Part #1190604 Supplemental Power Wheelchair Warnings/Wear and Tear Information Owner's Manual.					

# Tilt Smart Actuator Motor and Mounting Hardware

## Before 4/2/13

Smart Actuators are standard on TDX SR models



# Tilt Smart Actuator Motor and Mounting Hardware

## Before 4/2/13

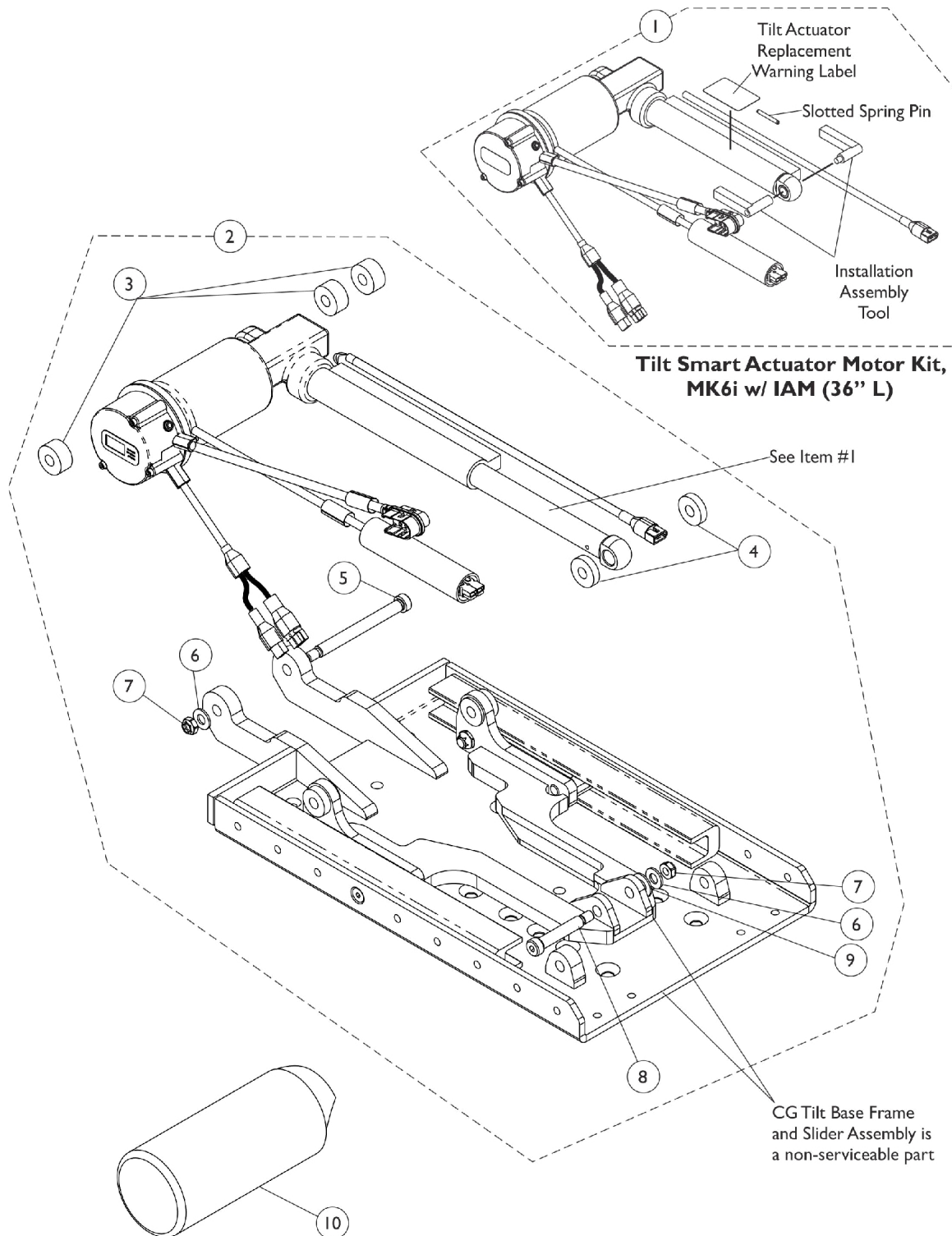
Smart Actuators are standard on TDX SR models

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A,C,E	1186171	Kit, Tilt Smart Actuator Motor, MK6i w/ IAM (36" L)	1	1
2	B,D	1153721	NLA - Kit, Tilt Actuator Motor Mounting Hardware	1	1
3			Spacer (3/8 x 1 x 1/2")	1	3
4			NLA - Washer, Nylon (13/32 x 1 x 1/4")	1	2
5			Screw, Shoulder Hex Socket Head (3/8" x 3-1/2", 5/16-18)	1	1
6			Washer, Steel (11/32 x 11/16 x 1/16")	1	1
7			Locknut (5/16-18)	1	2
8			Screw, Shoulder Hex Socket Head (3/8 x 1-3/4", 5/16-18)	1	1
9			Washer, Plain (1/4 x 9/16 x 1/16")	1	1
10			Washer, Flat (5/16 x 5/8 x 1/16")	1	1
11		1159388	Cover, Tilt Smart Actuator Motor	1	1
<b>NOTE:</b> A - Includes the Tilt Smart Actuator Motor, Bushings, Installation Assembly Tool, Slotted Spring Pin, Silicon Lubricant, Warning Label, Instructions and Integrated Actuator Module (IAM) attached to the motor. Components are not sold separately. B - Includes items 3-10. C - Due to NEW Installation procedures, refer to the Tilt Actuator Replacement Instructions included with the Kit for assistance. D - No Longer Available. See page titled "Tilt Smart Actuator Motor and Mounting Hardware After 4/1/13". Part #1153721 was replaced with 1180313. E - Includes Part #1190604 Supplemental Power Wheelchair Warnings/Wear and Tear Information Owner's Manual.					

# Tilt Smart Actuator Motor and Mounting Hardware

## After 4/1/13

Smart Actuators are standard on TDX SR models



# Tilt Smart Actuator Motor and Mounting Hardware

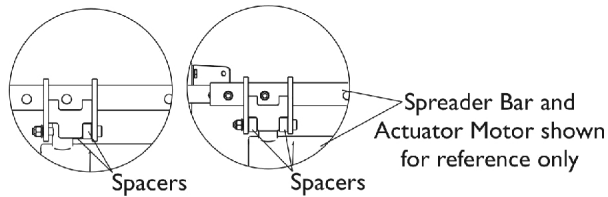
## After 4/1/13

Smart Actuators are standard on TDX SR models

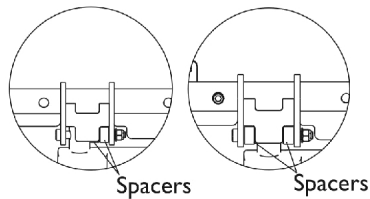
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A,C,D	1186171	Kit, Tilt Smart Actuator Motor, MK6i w/ IAM (36" L)	1	1
2	B	1180313	Kit, Tilt Actuator Motor Mounting Hardware	1	1
3			Spacer (3/8 x 1 x 1/2")	1	3
4			NLA - Washer, Nylon (13/32 x 1 x 1/4")	1	2
5			Screw, Shoulder Hex Socket Head (3/8" x 3-1/2", 5/16-18)	1	1
6			Washer, Flat (5/16 x 5/8 x 1/16")	1	2
7			Locknut (5/16-18)	1	2
8			Screw, Shoulder Hex Socket Head (3/8 x 1-3/4", 5/16-18)	1	1
9			Washer, Plain (1/4 x 9/16 x 1/16")	1	1
			Instruction Sheet, Tilt Actuator Motor Installation	1	1
10		1159388	Cover, Tilt Smart Actuator Motor	1	1
<b>NOTE:</b> A - Includes the Tilt Smart Actuator Motor, Bushings, Installation Assembly Tool, Slotted Spring Pin, Silicon Lubricant, Warning Label, Instructions and Integrated Actuator Module (IAM) attached to the motor. Components are not sold separately. B - Includes items 3-9 and Installation Instruction Sheet. C - Due to NEW Installation procedures, refer to the Tilt Actuator Replacement Instructions included with the Kit for assistance. D - Includes Part #1190604 Supplemental Power Wheelchair Warnings/Wear and Tear Information Owner's Manual.					

# Recline Actuator Motor and Mounting Hardware (Conventional & Smart Actuator Motors)

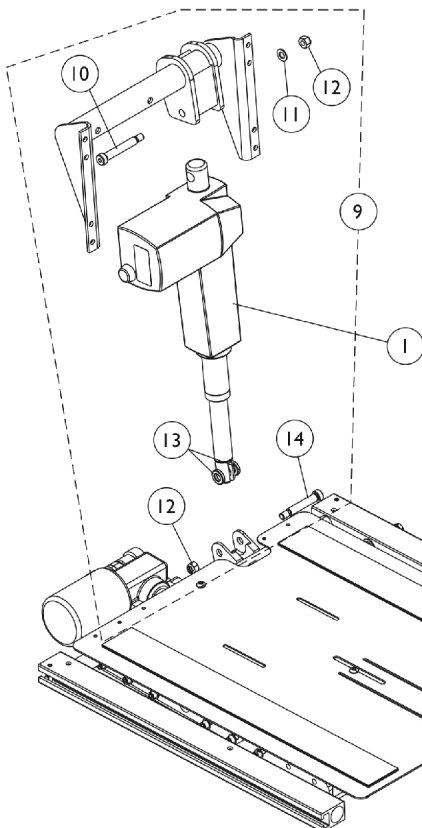
Smart Actuators are standard on TDX SR models



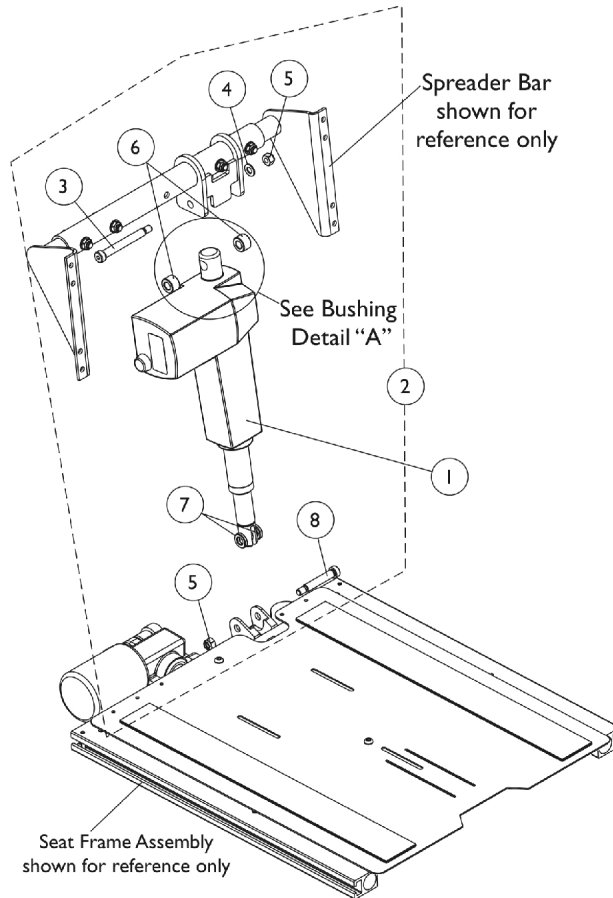
17", 19", 20" Wide 16", 18" Wide  
**Bushing Detail "A" For 16"-20" Wide**



21", 23" Wide 20", 22", 24" Wide  
**Bushing Detail "A" For 20"-24" Wide**



**Recline Actuator Motor Mounting Hardware  
For Contoura Seating**



**Recline Actuator Motor Mounting Hardware  
For Conventional Seating**

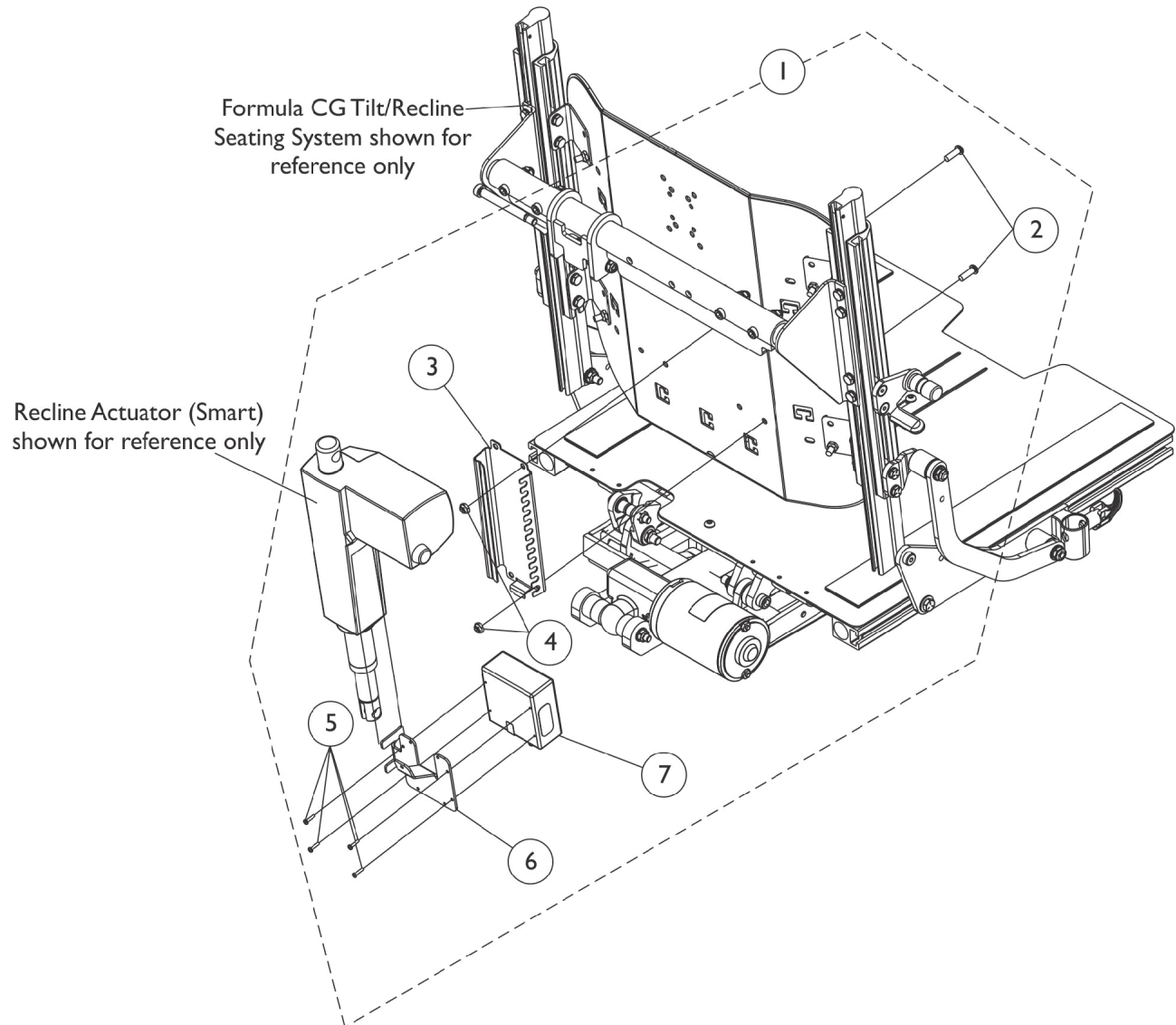
# Recline Actuator Motor and Mounting Hardware (Conventional & Smart Actuator Motors)

Smart Actuators are standard on TDX SR models

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	C	1145486	Motor, CG Recline Actuator (Conventional)	1	1
1		1151769	Motor, CG Recline Actuator (Smart)	1	1
2	A	1144592	Kit, Recline Actuator Motor Mounting Hardware Conventional CG	1	1
3			NLA - Screw, Shoulder Hex Socket Head (3/8 x 2-3/4", 5/16-18)	1	1
4			Washer, Flat (5/16 x 5/8 x 1/16")	1	1
5			Locknut (5/16-18)	1	2
6			Spacer (3/8 x 1 x 1/2")	1	2
7			NLA - Bushing, Actuator Motor (3/8 x 3/4 x 5/32")	1	2
8			Screw, Shoulder Hex Socket Head (3/8 x 1-1/2", 5/16-18)	1	1
9			Kit, Recline Actuator Motor Mounting Hardware Contoura/Curve Contoura CG	1	1
10	B	1144593	Screw, Shoulder Hex Socket (3/8 x 2", 5/16-18)	1	1
11			Washer, Flat (5/16 x 5/8 x 1/16")	1	1
12			Locknut (5/16-18)	1	2
13			NLA - Bushing, Actuator Motor (3/8 x 3/4 x 5/32")	1	2
14			Screw, Shoulder Hex Socket Head (3/8 x 1-1/2", 5/16-18)	1	1
	D	1126173	Harness, Elevate Actuator Extension	1	1
NOTE: A - Includes items 3-8 B - Includes items 10-14 C - Recline Actuator Motor Cable length was shortened 10/15/10. Extension Cable part #1126173 is required for wheelchairs manufactured before 5/10/10 for TDX SP w/ CGR Recline Only w/o MPCTMT/MPCTMT-L or 3GTQ-CG/3GTQ3-CG w/ CGR Recline Only and 4-Pole Motors D - Not Shown					

# Recline Intergrated Actuator Module (RIAM) and Mounting Hardware

## TDX SP/SP-GT/SR/ 3G Storm w/ Smart Actuator Motors



**Mk6i Recline Integrated Actuator Module (RIAM) and Mounting Hardware**

**NOTE:** Mounting Hardware used for Conventional and Contoura Seating

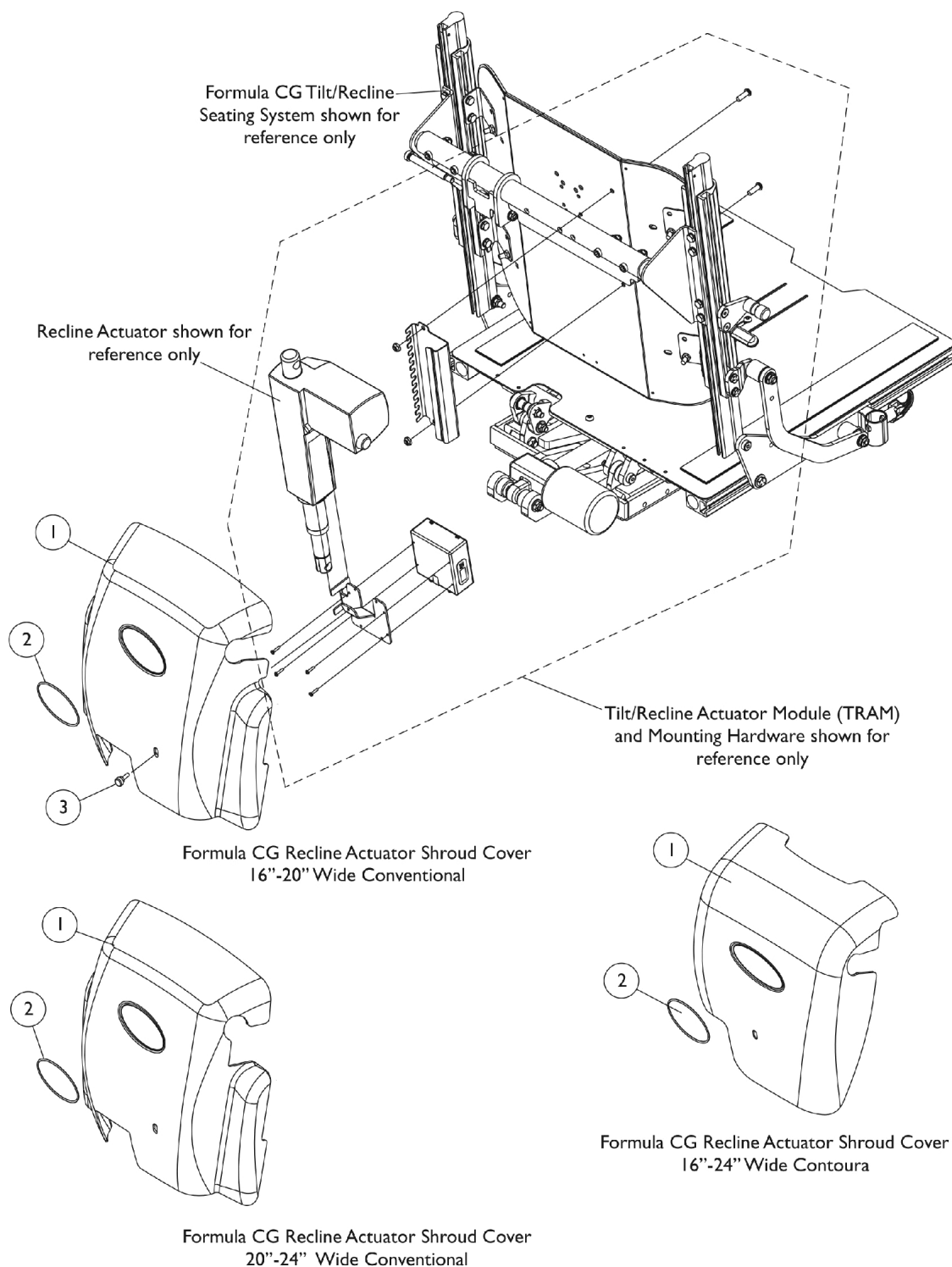
# Recline Intergrated Actuator Module (RIAM) and Mounting Hardware

## TDX SP/SP-GT/SR/ 3G Storm w/ Smart Actuator Motors

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1152536	Kit, MK6i Recline Integrated Actuator Module (RIAM) and Mtg. Hdw.	1	1
2			Screw, Socket Button (1/4-20 x 3/4")	1	2
3			Bracket, MK6i Connector, Black	1	1
4			Locknut (1/4-20)	1	2
5			Screw, Phillips Pan Head (#4-40 x 1/2")	1	4
6			Bracket, MK6i Actuator Module, Black	1	1
7			Module, Recline Integrated Actuator (RIAM) - MK6i (36" L)	1	1
3		1160374	Bracket, MK6i Connector, Black	1	1
7		1140034	Module, Recline Integrated Actuator (RIAM) - MK6i (36" L)	1	1
NOTE: A - Includes items 2-7					

# Shroud Covers, Recline Actuator

## Conv. & Contoura - TDX SP/SP-GT/SR (3G Storm After 12/9/07)



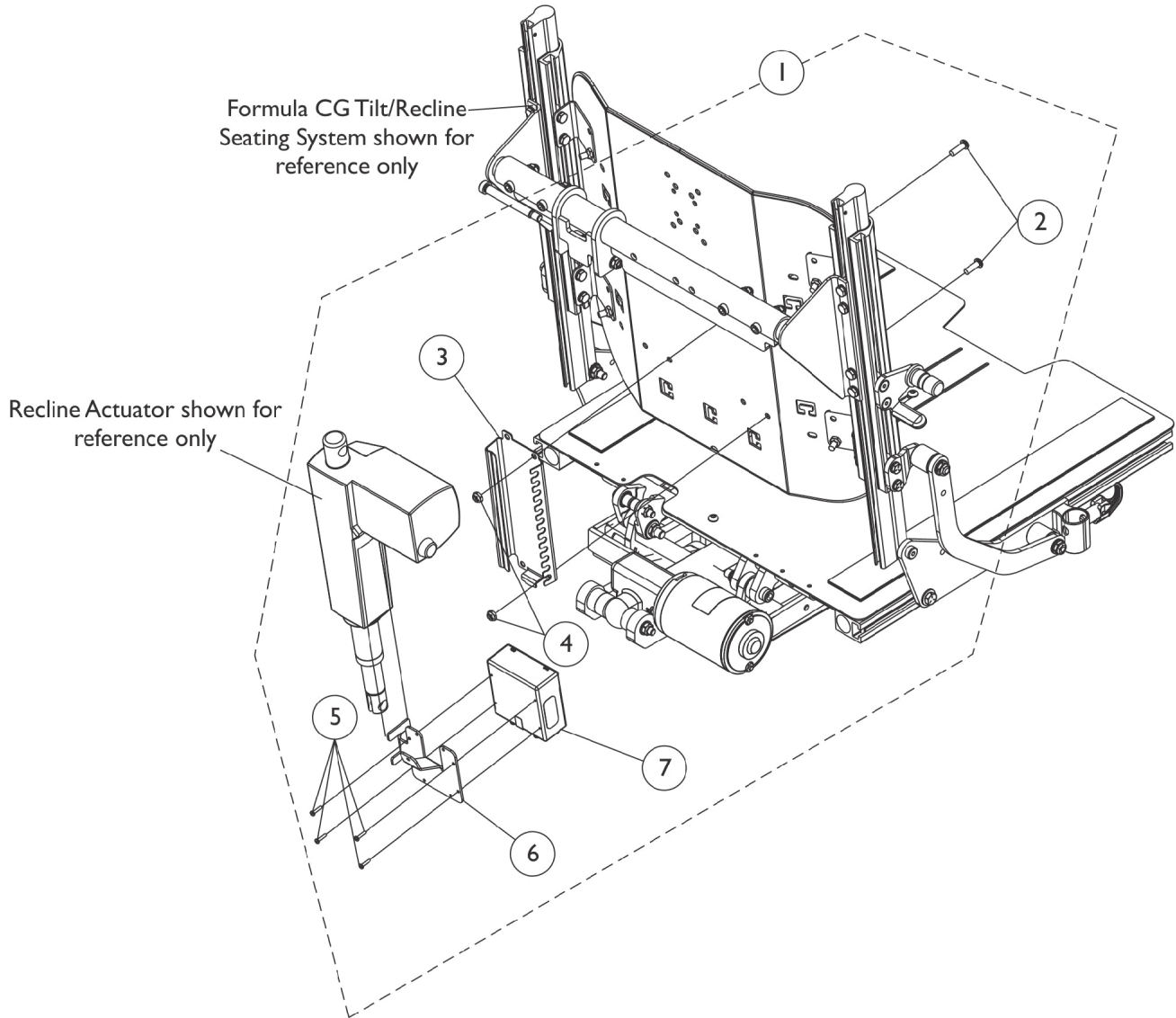
## Shroud Covers, Recline Actuator

### Conv. & Contoura - TDX SP/SP-GT/SR (3G Storm After 12/9/07)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1148698	Cover with Decal, Conventional (16 - 20" W)	1	1
1		1147139	Cover with Decal, Conventional (20 - 24" W)	1	1
1		1147959	Cover with Decal, Contoura (16 - 24" W)	1	1
3		1117240	Screw, Thumb (#10-32 x 1/2")	1	1
Item #2 Reflective Decal is not available for sale individually.					

# Tilt/Recline Actuator Module (TRAM) and Mounting Hardware

TDX SP/SP-GT (3G Storm After 12/9/07) w/ Conv. Actuator Motors



**MK6i Tilt/Recline Actuator Module (TRAM)  
and Mounting Hardware**

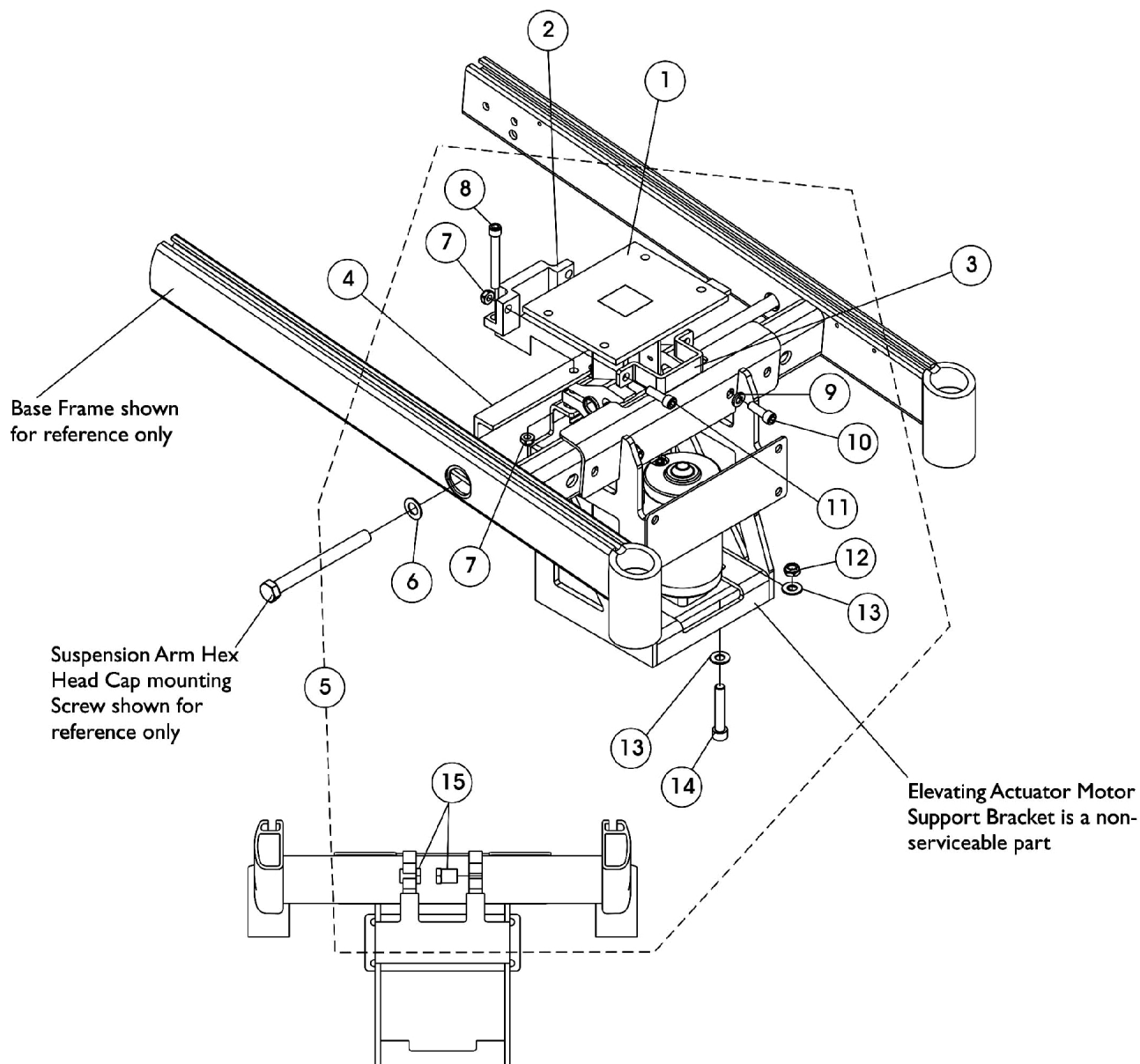
**NOTE:** Mounting Hardware used for  
Conventional and Contoura Seating

# Tilt/Recline Actuator Module (TRAM) and Mounting Hardware

## TDX SP/SP-GT (3G Storm After 12/9/07) w/ Conv. Actuator Motors

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1147143	Kit, MK6i Tilt/Recline Actuator Module (TRAM) and Mtg. Hdw. For TDX SP	1	1
2			Screw, Socket Button (1/4-20 x 3/4")	1	2
3			Bracket, MK6i Connector, Black	1	1
4			Locknut (1/4-20)	1	2
5			Screw, Phillips Pan Head (#4-40 x 1/2")	1	4
6			Bracket, MK6i Actuator Module, Black	1	1
7			Module, Tilt Recline Actuator (TRAM) - MK6i (36" L)	1	1
3		1160374	Bracket, MK6i Connector, Black	1	1
7		1140098	Module, Tilt Recline Actuator (TRAM) - MK6i (36" L)	1	1
7		1140098E-NLA	NLA - WARR RPLMT - Module, Tilt Recline Actuator (TRAM) - MK6i	1	1
	B	1101400	Harness, ELRPW Power Legrest - Right	1	1
NOTE: A - Includes items 2-7 B - Not Shown. ELRPW Power Legrest Harness part #1101400 is used to connect between the TRAM Module and the Tilt Actuator as well					

# Elevate Actuator Motor and Mounting Hardware For 3G Storm



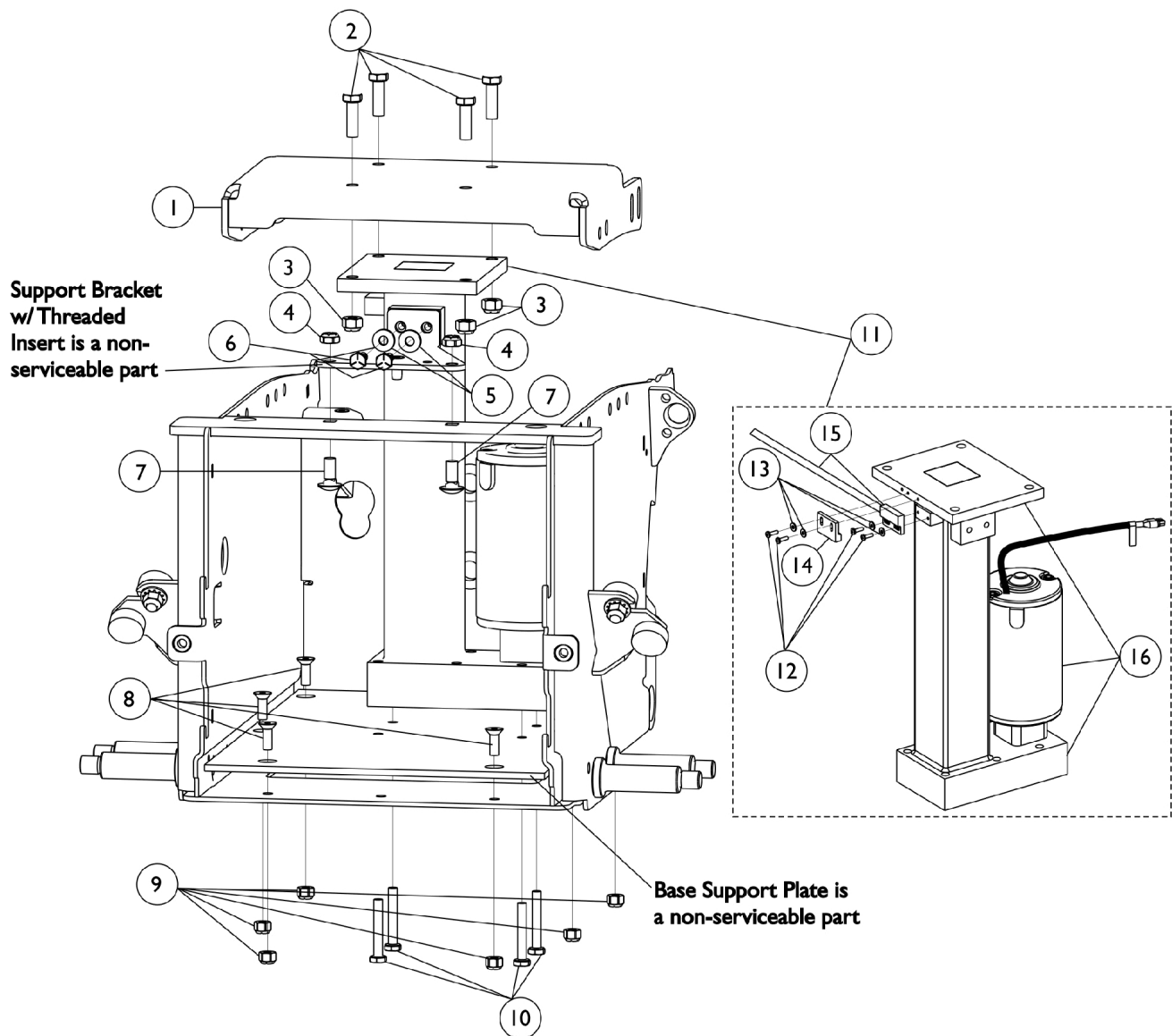
Rear View of Base Assembly to show  
Hex Head Cap Shoulder Nut

## Elevate Actuator Motor and Mounting Hardware For 3G Storm

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	TRC0367	Actuator Motor Assembly, Elevate	1	1
2		TRX3806	Mount, Actuator Motor, Elevate, Black	1	1
3		TRX3805	Clamp, Actuator Motor, Elevate, Black	1	1
4		1144772-NLA	NLA - Bracket, Battery Support Cross Member	1	1
5		1144591	Kit, Base Frame Elevate Hardware Formula CG	1	1
6			Washer (1/4 x 9/16 x 1/16")	1	2
7			Locknut (5/16-18)	1	4
8			NLA - Screw, Allen Head (5/16-18 x 2-1/2")	1	2
9			NLA - Lockwasher, Split (5/16")	1	2
10			Screw, Socket Head w/ Patch (5/16-18 x 7/8")	1	2
11			NLA - Screw, Socket Head w/ Patch (5/16-18 x 1")	1	2
12			Locknut, Low Profile (3/8-16)	1	4
13			Washer, Nylon (3/8 x 13/16 x 1/16")	1	8
14			Screw, Socket Head w/ Patch (3/8-16 x 2")	1	4
15			Nut, Hex Head Cap Shoulder (1/2-20)	1	2
NOTE: A - Includes items 6-15					

# Elevate Actuator Motor & Mounting Hardware

## Before 1/4/08 (CGE) - TDX SP



## Elevate Actuator Motor & Mounting Hardware

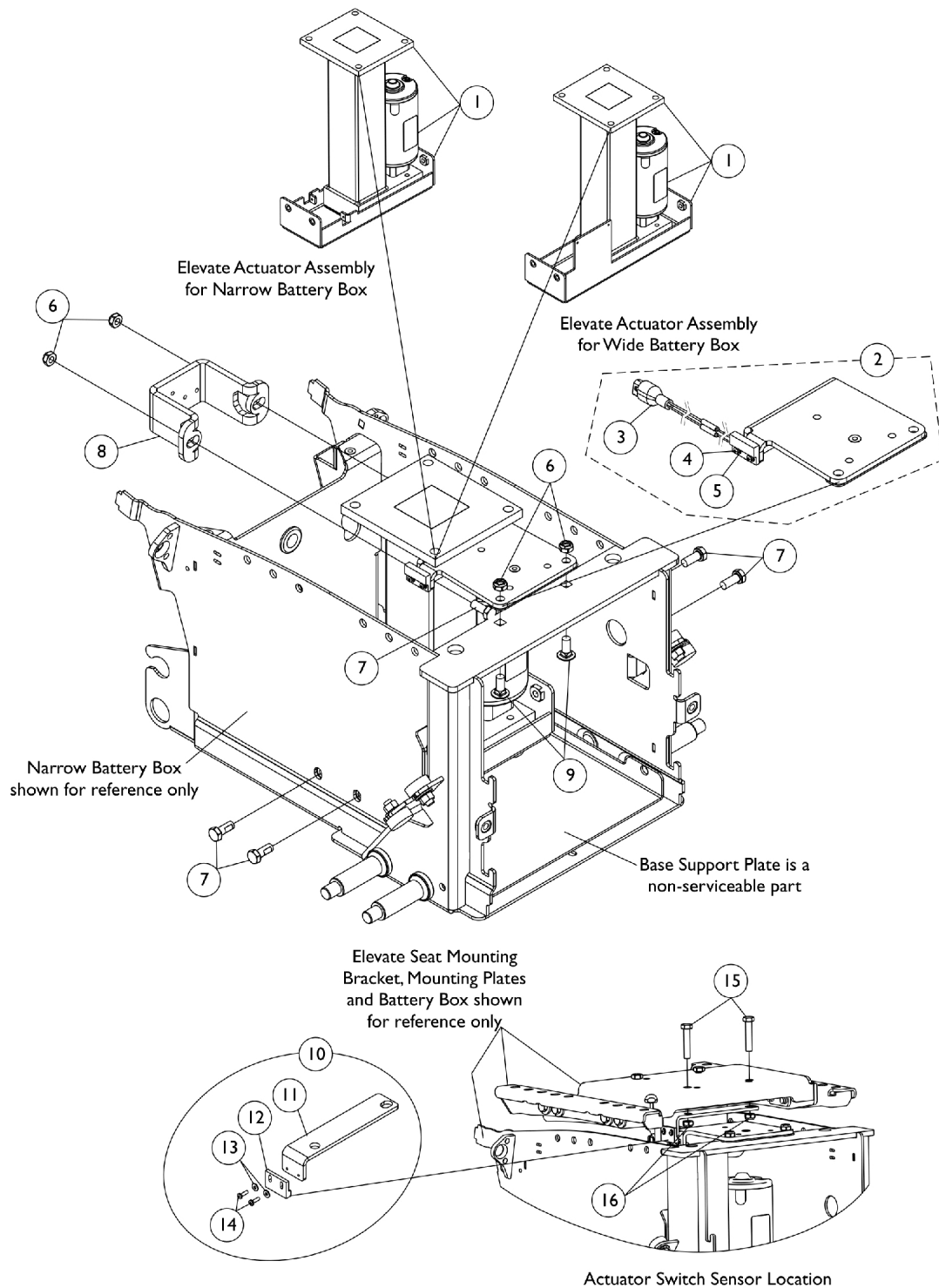
### Before 1/4/08 (CGE) - TDX SP

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1147098-NLA	NLA - Bracket, Seat Mounting, Elevate, Black	1	1
2		1003548	Screw, Hex Head (5/16-18 x 1")	1	4
3		1026158	Locknut (5/16-18)	1	4
4		1028769	Locknut (5/16-18)	1	2
5		1018739	Washer (1/4 x 5/8 x 3/32")	1	2
6		1045267	Screw, Hex Head w/ Patch (1/4-20 x 3/4")	1	2
7		1146551-NLA	NLA - Screw, Round Head Square Neck (5/16-18 x 3/4")	1	2
8		1029545	Screw, Socket Flat Head (1/4-20 x 3/4")	1	6
9		1025736	Locknut (1/4-20)	1	6
10		1037610	Screw, Hex Head (1/4-20 x 1-5/8")	1	4
11	A	1147156-NLA	NLA - Actuator Motor w/ Switch and Hardware (Elevate)	1	1
12			NLA - Screw, Phillips Pan Head (#4-40 x 3/8")	1	4
13			NLA - Washer, Plain (1/8 x 5/16 x 1/32")	1	4
14			Sensor, Actuator Switch	1	1
15			Sensor, Proximity Switch (30 1/4" L)	1	1
16			NLA - Actuator Motor Assembly, Elevate	1	1
12		1027704-NLA	NLA - Screw, Phillips Pan Head (#4-40 x 3/8")	1	4
13		1011011-NLA	NLA - Washer, Plain (1/8 x 5/16 x 1/32")	1	4
14		1024001	Sensor, Actuator Switch	1	1
15		1122586	Sensor, Proximity Switch (30 1/4" L)	1	1
16		1147503-NLA	NLA - Actuator Motor Assembly, Elevate	1	1

NOTE: A - Includes items 12-16

# Elevate Actuator and Mounting Hardware

## After 1/3/08 (CGE/CGTE/CGTRE) - TDX SP/SP-GT/SR



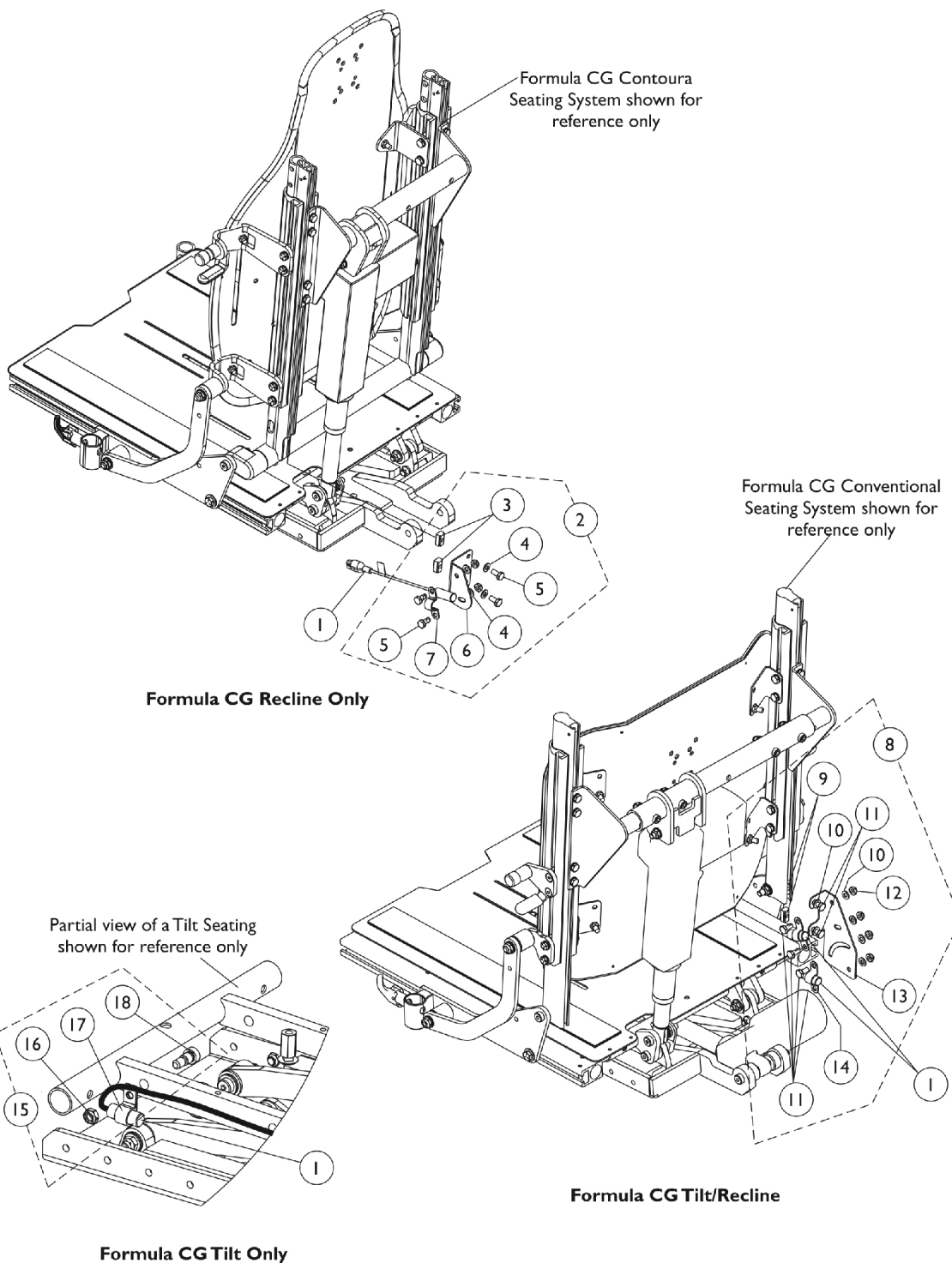
## Elevate Actuator and Mounting Hardware

### After 1/3/08 (CGE/CGTE/CGTRE) - TDX SP/SP-GT/SR

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1149779	Actuator Motor Assembly, Elevate, For Narrow Battery Box	1	1
1	C	1149780	Actuator Motor Assembly, Elevate, For Wide Battery Box	1	1
2	A	1149760	Elevate Support Bracket Assembly w/ Proximity Switch Sensor	1	1
3		1122586	Sensor, Proximity Switch (30 1/4" L)	1	1
4		1027704-NLA	NLA - Screw, Phillips Pan Head (#4-40 x 3/8")	1	2
5		1011011-NLA	NLA - Washer, Plain (1/8 x 5/16 x 1/32")	1	2
6		1028769	Locknut (5/16-18)	1	4
7		1039860	Screw, Hex Head w/ Patch (5/16-18 x 3/4")	1	6
8		1149761	Bracket, Elevate Actuator Mounting	1	1
9		1146551-NLA	NLA - Screw, Round Head Square Neck (5/16-18 x 3/4")	1	2
10	B	1149781	Kit, Actuator Switch Sensor and Hardware	1	1
11			NLA - Bracket, Actuator Switch Sensor Mounting	1	1
12			Sensor, Actuator Switch	1	1
13			NLA - Washer, Plain (1/8 x 5/16 x 1/32")	1	2
14			NLA - Screw, Phillips Pan Head (#4-40 x 3/8")	1	2
15		1070398-NLA	NLA - Screw, Hex Head (5/16-18 x 1-1/2")	1	2
16		1028769	Locknut (5/16-18)	1	2
NOTE: A - Includes the Elevate Support Bracket and items 3-5 B - Includes items 11-14 C - Part Number 1149780 is used for TDX SR and TDX SP-MCG with 24TRY.					

# Mercury Free Switches and Hardware (For Conventional Actuator Motors only)

As of 7/1/2009, switches are mercury free.



## Mercury Free Switches and Hardware (For Conventional Actuator Motors only)

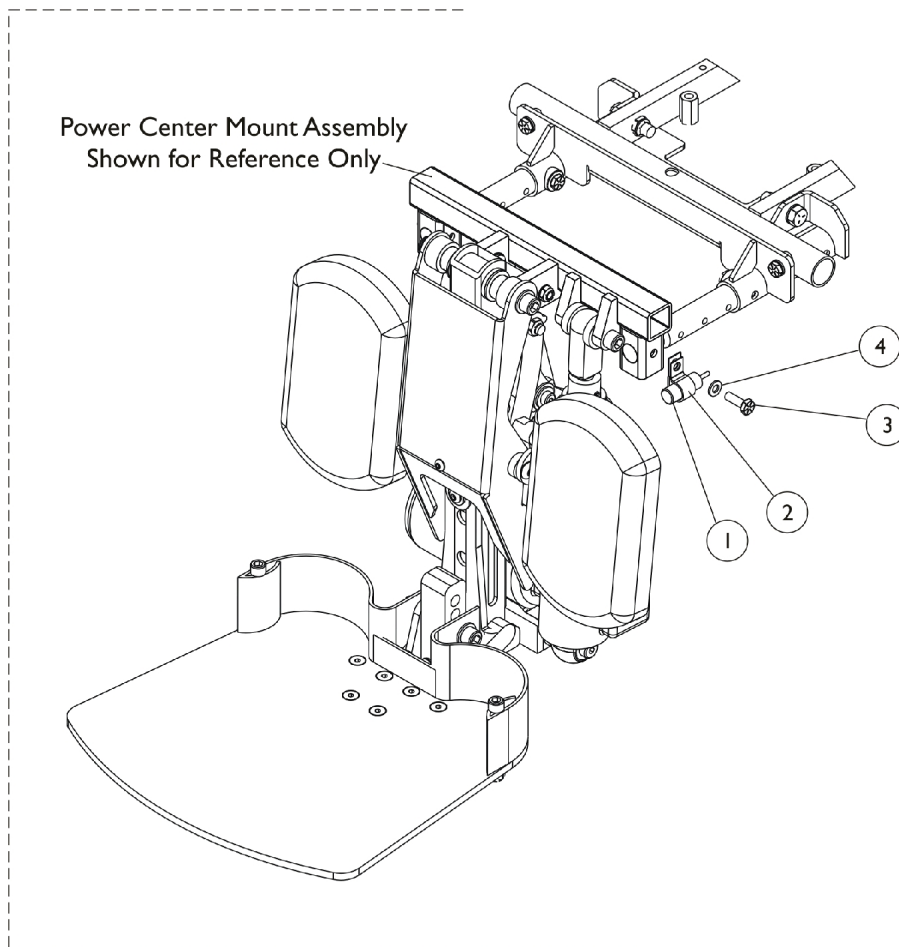
As of 7/1/2009, switches are mercury free.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1140099	Switch, Drive Lockout Mercury Free Ball (MK6i) (50" L)	1	1
2	B	1146303-NLA	NLA - Kit, Switch Mounting Hardware (Formula CG Recline Only)	1	1
3			T-Nut (1/4-20)	1	2
4			Washer (1/4 x 1/2 x 1/16")	1	4
5			Screw, Hex Head w/ Patch (1/4-20 x 1/2")	1	4
6			NLA - Bracket, Drive Lockout, Black	1	1
7			NLA - Bracket, Switch Mounting, Black	1	1
8	C,E	1146289	Kit, Switch Mounting Hardware (Formula CG Tilt/Recline Seating System)	1	1
9			T-Nut (1/4-20)	1	2
10			Washer (1/4 x 1/2 x 1/16")	1	6
11			Screw, Hex Head w/ Patch (1/4-20 x 1/2")	1	6
12			Locknut (1/4-20)	1	4
13			Bracket, Mercury Switch Mounting, Black	1	1
14			NLA - Bracket, Switch Mounting, Black	1	2
15	D	1121712	Kit, Switch Mounting Hardware (Formula CG Tilt Only)	1	1
16			Locknut (5/16-18)	1	1
17			NLA - Bracket, Cable/Wire Mounting, Black	1	1
18			Screw, Shoulder Hex Socket Head w/ Patch (3/8" x 3/8", 5/16-18)	1	1

NOTE: A - Tilt and Recline seating systems use a quantity of (2) mercury switches  
 B - Includes items 2-7. Applies to 3G Storm Series only  
 C - Includes items 9-14. Applies to 3G Storm Series only  
 D - Includes items 16-18 and applies to 3G Storm Series and TDX SP models  
 E - On 5/7/07 the mercury switches were positioned from the left side back cane to the right side back cane and is backward compatible. This allows easier access to service the mercury switches.

# Mounting Limit Tilt Switch w/ Power Center Mount - TDX SP/SP-GT/SR

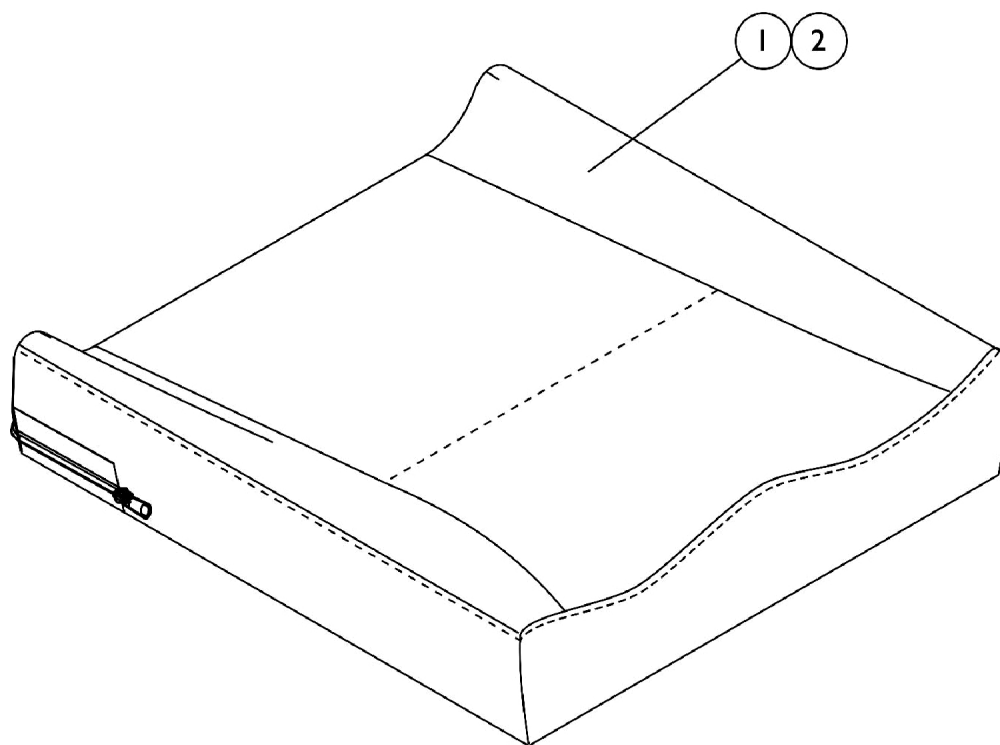
As of 7/1/2009, switches are mercury free.



Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1140099	Switch, Drive Lockout Mercury Free Ball (MK6i) (50" L)	1	1
2		1160787	NLA - Kit, Mounting Switch Limit Tilt w/ MPCTMT	1	1
			NLA - Bracket, Cable/Wire Mounting, Black	1	1
3		1045267	Screw, Hex Head w/ Patch (1/4-20 x 3/4")	1	1
4		1026907	Washer (1/4 x 1/2 x 1/16")	1	1

# Seat Cushion Assembly

## Contoura Seating



### #1 Contoura Seat Cushion Assembly

**NOTE: To order a Mesh Contoura Seat Cushion Assembly, please use quote # SM-100908010838 when placing your order.**

Chair Width	16" Deep	17" Deep	18" Deep	19" Deep	20" Deep	21" Deep	22" Deep
16" Wide	1132982 See Note(s) A	1132983-NLA See Note(s) A	1132984 See Note(s) A	1132985 See Note(s) A	1132986 See Note(s) A	N/A	N/A
18" Wide	1132987 See Note(s) A	1132988-NLA See Note(s) A	1132989 See Note(s) A	1132990 See Note(s) A	1132991 See Note(s) A	N/A	N/A
20" Wide	1132992 See Note(s) A	1132993-NLA See Note(s) A	1132994 See Note(s) A	1132995 See Note(s) A	1132996 See Note(s) A	1132997 See Note(s) A	1132998 See Note(s) A
22" Wide	N/A	N/A	1132999 See Note(s) A	1133000 See Note(s) A	1133001 See Note(s) A	1133002 See Note(s) A	1133003 See Note(s) A
24" Wide	N/A	N/A	1133004-NLA See Note(s) A	1133005-NLA See Note(s) A	1133006-NLA See Note(s) A	1133007-NLA See Note(s) A	1133008-NLA See Note(s) A

NOTE: A - Cushion Foam is not available separately.

# Seat Cushion Assembly

## Contoura Seating

### #2 Contoura Seat Cushion Cover Before 12/16/10

Chair Width	16" Deep	17" Deep	18" Deep	19" Deep	20" Deep	21" Deep	22" Deep
16" Wide	1132953-NLA	1132954-NLA	1132955-NLA	1132956-NLA	1132957-NLA	N/A	N/A
18" Wide	1132958-NLA	1132959-NLA	1132960-NLA	1132961-NLA	1132962-NLA	N/A	N/A
20" Wide	1132963-NLA	1132964-NLA	1132965-NLA	1132966-NLA	1132967-NLA	1132968-NLA	1132969-NLA
22" Wide	N/A	N/A	1132970-NLA	1132971-NLA	1132972-NLA	1132973-NLA	1132974-NLA
24" Wide	N/A	N/A	1132975-NLA	1132976-NLA	1132977-NLA	1132978-NLA	1132979-NLA

Contoura Seat Cushion Covers listed on this chart are No Longer Available. Refer to the Contoura Seat Cushion Covers dated after 12/15/10 as a direct replacement.

# Seat Cushion Assembly

## Contoura Seating

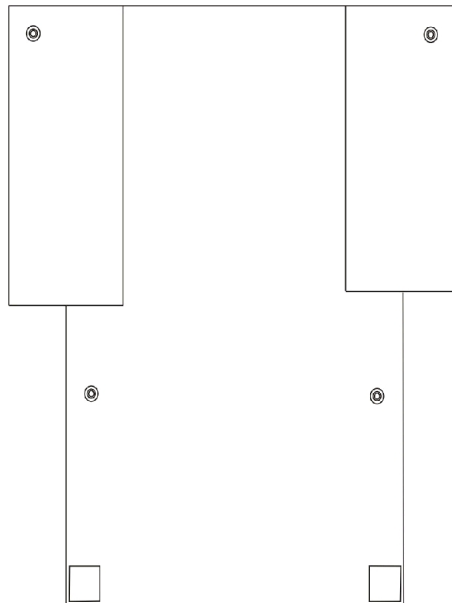
### #2 Contoura Seat Cushion Cover After 12/15/10

Chair Width	16" Deep	17" Deep	18" Deep	19" Deep	20" Deep	21" Deep	22" Deep
16" Wide	1167372	1167373-NLA	1167374	1167375	1167376	N/A	N/A
18" Wide	1167377	1167378-NLA	1167379	1167380	1167381	N/A	N/A
20" Wide	1167382	1167383-NLA	1167384	1167385	1167386	1167387	1167388
22" Wide	N/A	N/A	1167389	1167390	1167391	1167392	1167393
24" Wide	N/A	N/A	1167394-NLA	1167395-NLA	1167396	1167397-NLA	1167398-NLA

### #2 Contoura Seat Cushion Cover, Mesh (CTBMSH)

Chair Width	16" Deep	17" Deep	18" Deep	19" Deep	20" Deep	21" Deep	22" Deep
16" Wide	1164208	1164209	1164210	1164211	1164212	N/A	N/A
18" Wide	1164213	1164214	1164215	1164216	1164217	N/A	N/A
20" Wide	1164218	1164219	1164220	1164221	1164222	1164223	1164224
22" Wide	N/A	N/A	1164225	1164226	1164227	1164228	1164229
24" Wide	N/A	N/A	1164230	1164231	1164232	1164233	1164234

## Back Upholstery, Nylon Sling (CGE) (16"-22" Wide)



### Back Upholstery Hardware

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
	A	See Chart	Single Liners	1	1
	A	See Chart	Dual Liners - Nylon	1	1
	A	1026298	Package, Screw with Washer (#10 x 7/8") (Pair)	2	1

NOTE: A - Not Shown

### Single Liners

Width	16"-17" High	18"-19" High	20" High	21"-22" High
16" W	1045175	1045207	1068947	1045159
17" W	1045176	1045208	1068948	1045160
18" W	1045177	1045209	1068949	1045161

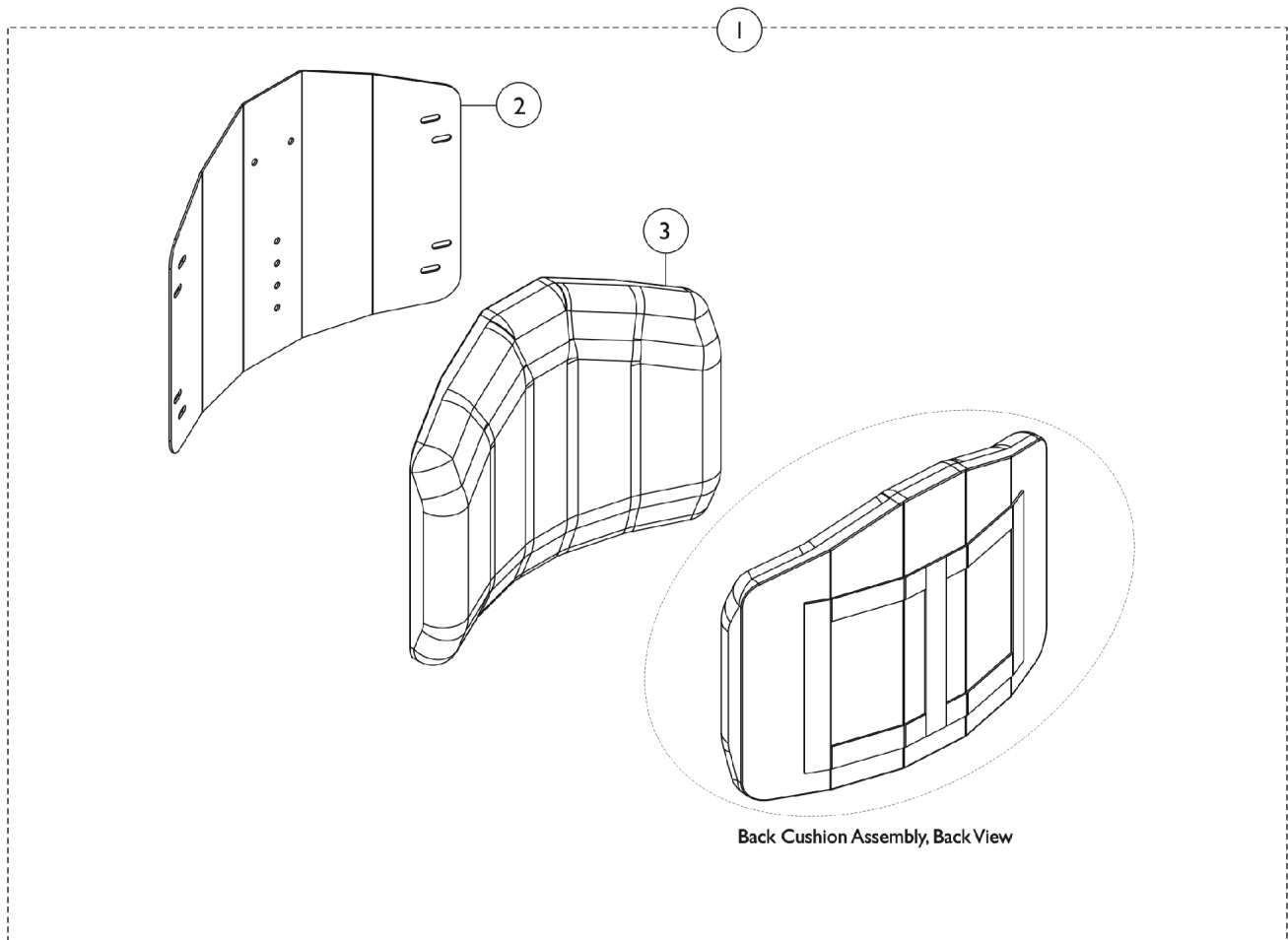
# Back Upholstery, Nylon Sling (CGE) (16"-22" Wide) Dual Liners

Width	16"-17" High	18" - 19" High	20" High	21" - 22" High
16" W	1045180	1045212	1068952	1045164
17" W	1045181	1045213	1068953	1045165
18" W	1045182	1045214	1068954	1045166
19" W	1045183	1045215	1068955	1045167
20" W	1045184	1045216	1068956	1045168
21" W	1045185	1045217	1068957	1045169
22" W	1045186	1045218	1068958	1045170

NOTE: Dual liner back upholstery is used with chairs that have a seat deeper than 17" or back wider than 18".

# Conventional Back (12"-15" Wide) without Mounting Hardware

**NOTE:** Hook Fastener Adhesive Kit must be ordered when a Back Pan is requested. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.



Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		See Chart	#1 Back Assembly without Hardware	1	1
2		See Chart	#2 Back Pan without Hook Fastener Adhesive	1	1
3		See Chart	#3 Back Cushion Assembly with Hook & Loop Fastener Adhesive	1	1
5	A	1125723	Kit, Hook Fastener w/ Adhesive Back	1	1
NOTE: A - Hook Fastener Adhesive kit is used for 12"-24" wide Conventional Backs to attach the Back Cover to the Back Pan and must be ordered when a new Back Pan is requested.					

# Conventional Back (12"-15" Wide) without Mounting Hardware

**NOTE:** Hook Fastener Adhesive Kit must be ordered when a Back Pan is requested. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

## #1 Back Assembly without Hardware

Overall Back Height	Material Back Height	12" Wide	13" Wide	14" Wide	15" Wide
16"	12"	1146269	1146274	1146279	1146284
17"	13"	1146270	1146275	1146280	1146285
18"	14"	1146271	1146276	1146281	1146286
19"	15"	1146272	1146277	1146282	1146287
20"	16"	1146273	1146278	1146283	1146288

## #2 Back Pan without Hook Fastener Adhesive

Overall Back Height	Material Back Height	12" Wide	13" Wide	14" Wide	15" Wide
16"	12"	1148739	1148744	1148749	1148754
17"	13"	1148740	1148745	1148750	1148755
18"	14"	1148741	1148746	1148751	1148756
19"	15"	1148742	1148747	1148752	1148757
20"	16"	1148743	1148748	1148753	1148758

## Conventional Back (12"-15" Wide) without Mounting Hardware

**NOTE: Hook Fastener Adhesive Kit must be ordered when a Back Pan is requested. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.**

### #3 Back Cushion Assembly with Hook & Loop Fastener Adhesive

Overall Back Height	Material Back Height	12" Wide	13" Wide	14" Wide	15" Wide
16"	12"	1148759	1148764	1148769	1148774
17"	13"	1148760	1148765	1148770	1148775
18"	14"	1148761	1148766	1148771	1148776
19"	15"	1148762	1148767	1148772	1148777
20"	16"	1148763	1148768	1148773	1148778

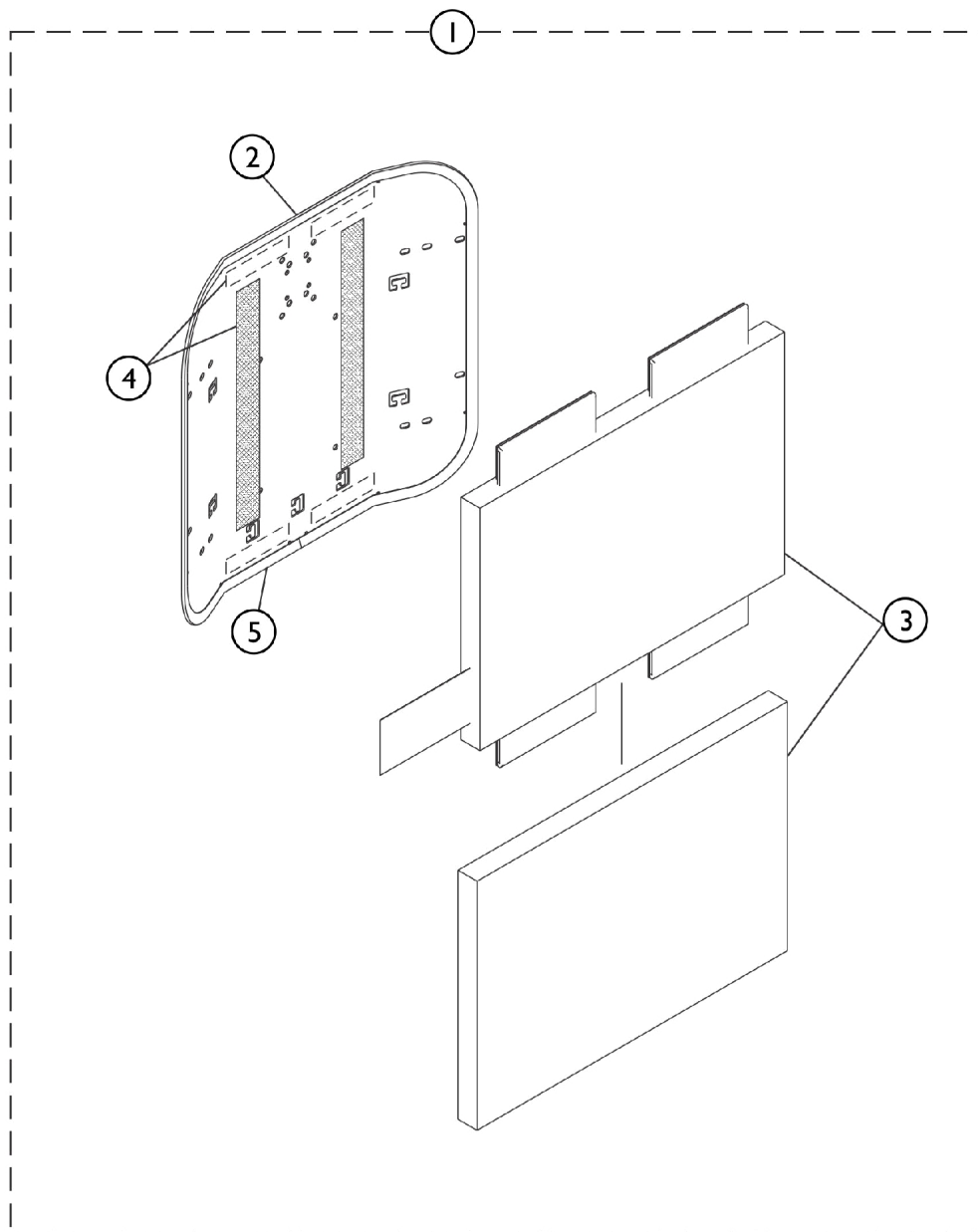
NOTE: Back Cover and Foam are sold as a Back Cushion Assembly only.

## Conventional Back (16"-24" Wide) without Mounting Hardware

**NOTE:** Extruded back canes come in one back height only. Back cane material height for extruded back canes measure approximately 20-1/2". Overall back height from the seat pan to top of the extruded back cane is approximately 22-1/2". Only the Back Assembly needs replaced when changing back heights.

**NOTE:** Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is ordered. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

**NOTE:** When changing from a Contoura Back to a Conventional Back, order a Recline to Tilt Retro Fit Kit w/ special quote # C-110906094042.



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## Conventional Back (16"-24" Wide) without Mounting Hardware

**NOTE:** Extruded back canes come in one back height only. Back cane material height for extruded back canes measure approximately 20-1/2". Overall back height from the seat pan to top of the extruded back cane is approximately 22-1/2". Only the Back Assembly needs replaced when changing back heights.

**NOTE:** Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is ordered. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

**NOTE:** When changing from a Contoura Back to a Conventional Back, order a Recline to Tilt Retro Fit Kit w/ special quote # C-110906094042.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		See Chart	#1 Back Assembly without Hardware 16"-20" Wide	1	1
1		See Chart	#1 Back Assembly without Hardware 21"-24" Wide	1	1
2		See Chart	#2 Back Pan with Vinyl Edge Trim 16"-20" Wide	1	1
2		See Chart	#2 Back Pan with Vinyl Edge Trim 21"-24" Wide	1	1
3		See Chart	#3 Back Cushion Assembly 16"-20" Wide	1	1
3		See Chart	#3 Back Cushion Assembly 21"-24" Wide	1	1
4	A	1125723	Kit, Hook Fastener w/ Adhesive Back	1	1
5		1125724-NLA	NLA - Trim, Edge, Cut-To-Length, Vinyl Black (96" L)	1	1
NOTE: A - Hook Fastener Adhesive kit is used to attach the Back Cover to the Back Pan and must be ordered when a new Back Pan or Back Assembly is requested.					

### #1 Back Assembly without Hardware 16"-20" Wide

Overall Back Height	Material Back Height	16" Wide	17" Wide	18" Wide	19" Wide	20" Wide
20"	15"	1125564	1125565	1125566	1125567	1125568
21"	16"	1125573	1125574	1125575	1125576	1125577
22"	17"	1125582	1125583	1125584	1125585	1125586
23"	18"	1125591	1125592	1125593	1125594	1125595
24"	19"	1125600	1125601	1125602	1125603	1125604
25"	20"	1125609	1125610	1125611	1125612	1125613
26"	21"	1125618	1125619	1125620	1125621	1125622

### #1 Back Assembly without Hardware 21"-24" Wide

Overall Back Height	Material Back Height	21" Wide	22" Wide	23" Wide	24" Wide
20"	15"	1125569	1125570	1125571	1125572

## Conventional Back (16"-24" Wide) without Mounting Hardware

**NOTE:** Extruded back canes come in one back height only. Back cane material height for extruded back canes measure approximately 20-1/2". Overall back height from the seat pan to top of the extruded back cane is approximately 22-1/2". Only the Back Assembly needs replaced when changing back heights.

**NOTE:** Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is ordered. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

**NOTE:** When changing from a Contoura Back to a Conventional Back, order a Recline to Tilt Retro Fit Kit w/ special quote # C-110906094042.

### #1 Back Assembly without Hardware 21"-24" Wide

Overall Back Height	Material Back Height	21" Wide	22" Wide	23" Wide	24" Wide
21"	16"	1125578	1125579	1125580	1125581
22"	17"	1125587	1125588	1125589-NLA	1125590-NLA
23"	18"	1125596	1125597	1125598-NLA	1125599-NLA
24"	19"	1125605	1125606	1125607-NLA	1125608-NLA
25"	20"	1125614	1125615	1125616-NLA	1125617-NLA
26"	21"	1125623	1125624	1125625-NLA	1125626-NLA

## Conventional Back (16"-24" Wide) without Mounting Hardware

**NOTE:** Extruded back canes come in one back height only. Back cane material height for extruded back canes measure approximately 20-1/2". Overall back height from the seat pan to top of the extruded back cane is approximately 22-1/2". Only the Back Assembly needs replaced when changing back heights.

**NOTE:** Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is ordered. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

**NOTE:** When changing from a Contoura Back to a Conventional Back, order a Recline to Tilt Retro Fit Kit w/ special quote # C-110906094042.

### #2 Back Pan with Vinyl Edge Trim 16"-20" Wide

Overall Back Height	Material Back Height	16" Wide	17" Wide	18" Wide	19" Wide	20" Wide
20"	15"	1124578	1124585	1124592	1124599	1124606
21"	16"	1124579	1124586	1124593	1124600	1124607
22"	17"	1124580	1124587	1124594	1124601	1124608
23"	18"	1124581	1124588	1124595	1124602	1124609
24"	19"	1124582	1124589	1124596	1124603	1124610
25"	20"	1124583	1124590	1124597	1124604	1124611
26"	21"	1124584	1124591	1124598	1124605	1124612

### #2 Back Pan with Vinyl Edge Trim 21"-24" Wide

Overall Back Height	Material Back Height	21" Wide	22" Wide	23" Wide	24" Wide
20"	15"	1124613	1124620	1124627	1124634
21"	16"	1124614	1124621	1124628	1124635
22"	17"	1124615	1124622	1124629	1124636
23"	18"	1124616	1124623	1124630	1124637
24"	19"	1124617	1124624	1124631	1124638
25"	20"	1124618	1124625	1124632	1124639
26"	21"	1124619	1124626	1124633-NLA	1124640

Hook Adhesive is not included with the Back Pan

## Conventional Back (16"-24" Wide) without Mounting Hardware

**NOTE:** Extruded back canes come in one back height only. Back cane material height for extruded back canes measure approximately 20-1/2". Overall back height from the seat pan to top of the extruded back cane is approximately 22-1/2". Only the Back Assembly needs replaced when changing back heights.

**NOTE:** Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is ordered. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

**NOTE:** When changing from a Contoura Back to a Conventional Back, order a Recline to Tilt Retro Fit Kit w/ special quote # C-110906094042.

### #3 Back Cushion Assembly 16"-20" Wide

Overall Back Height	Material Back Height	16" Wide	17" Wide	18" Wide	19" Wide	20" Wide
20"	15"	1097397 See Note(s) A	1097398 See Note(s) A	1097399 See Note(s) A	1097400 See Note(s) A	1097401 See Note(s) A
21"	16"	1097404 See Note(s) A	1097405 See Note(s) A	1097406 See Note(s) A	1097407 See Note(s) A	1097408 See Note(s) A
22"	17"	1097411 See Note(s) A	1097412 See Note(s) A	1097413 See Note(s) A	1097414 See Note(s) A	1097415 See Note(s) A
23"	18"	1097418 See Note(s) A	1097419 See Note(s) A	1097420 See Note(s) A	1097421 See Note(s) A	1097422 See Note(s) A
24"	19"	1097425 See Note(s) A	1097426 See Note(s) A	1097427 See Note(s) A	1097428 See Note(s) A	1097429 See Note(s) A
25"	20"	1097432 See Note(s) A	1097433 See Note(s) A	1097434 See Note(s) A	1097435 See Note(s) A	1097436 See Note(s) A
26"	21"	1097439 See Note(s) A	1097440 See Note(s) A	1097441 See Note(s) A	1097442 See Note(s) A	1097443 See Note(s) A
NOTE: A - Back cover and foam are sold as a back cushion assembly only. Chart reflects chair width. The actual back cushion width will be 1" wider than the chair width.						
Back cover and foam are sold as a back cushion assembly only. Chart reflects chair width. The actual back cushion width will be 1" wider than the chair width.						

## Conventional Back (16"-24" Wide) without Mounting Hardware

**NOTE:** Extruded back canes come in one back height only. Back cane material height for extruded back canes measure approximately 20-1/2". Overall back height from the seat pan to top of the extruded back cane is approximately 22-1/2". Only the Back Assembly needs replaced when changing back heights.

**NOTE:** Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is ordered. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

**NOTE:** When changing from a Contoura Back to a Conventional Back, order a Recline to Tilt Retro Fit Kit w/ special quote # C-110906094042.

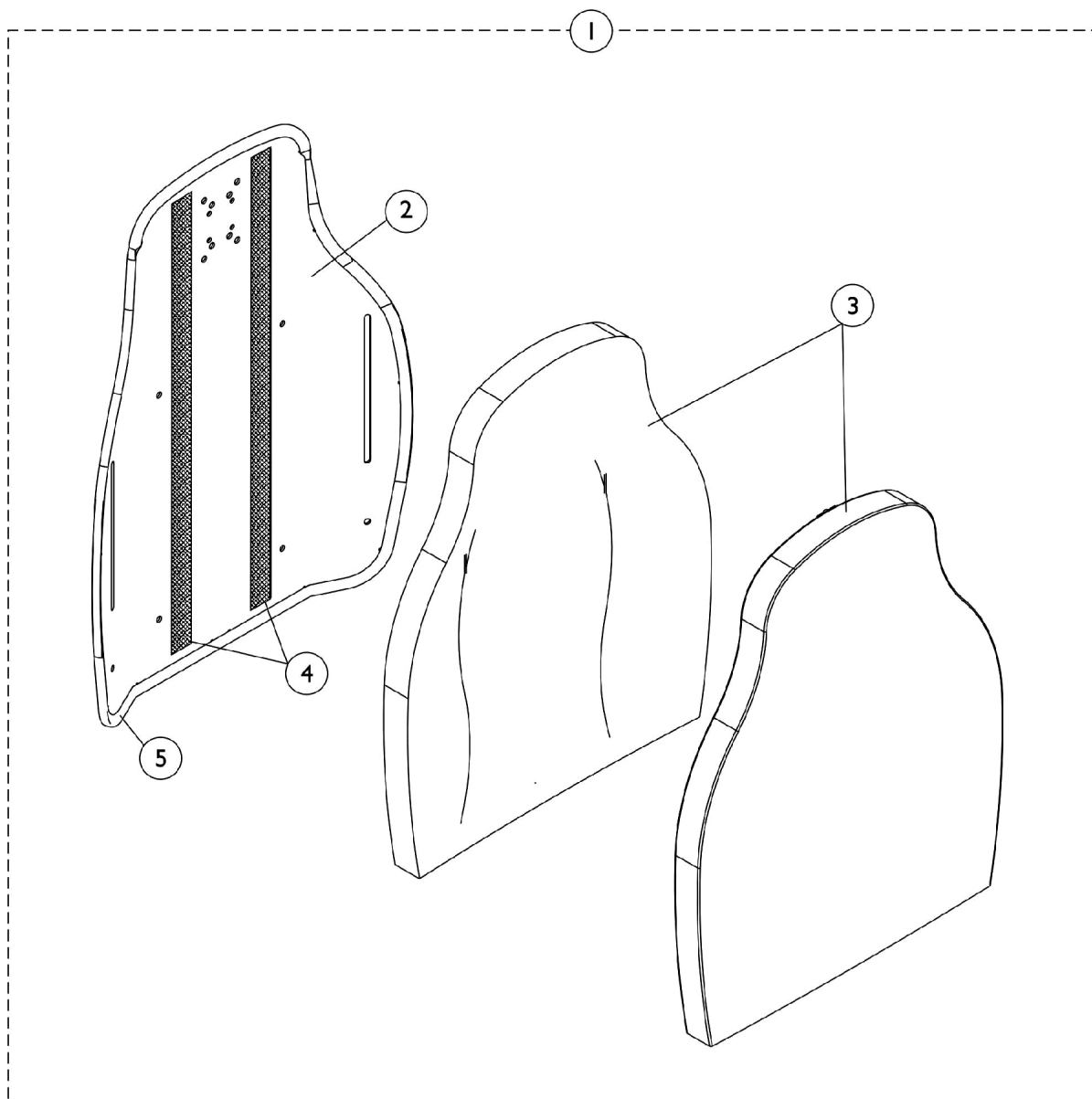
### #3 Back Cushion Assembly 21"-24" Wide

Overall Back Height	Material Back Height	21" Wide	22" Wide	23" Wide	24" Wide
20"	15"	1097402 See Note(s) A	1125543 See Note(s) A	1125544 See Note(s) A	1125545 See Note(s) A
21"	16"	1097409 See Note(s) A	1125546 See Note(s) A	1125547 See Note(s) A	1125548 See Note(s) A
22"	17"	1097416 See Note(s) A	1125549 See Note(s) A	1125550 See Note(s) A	1125551 See Note(s) A
23"	18"	1097423 See Note(s) A	1125552 See Note(s) A	1125553 See Note(s) A	1125554 See Note(s) A
24"	19"	1097430 See Note(s) A	1125555 See Note(s) A	1125556 See Note(s) A	1125557 See Note(s) A
25"	20"	1097437 See Note(s) A	1125558 See Note(s) A	1125559 See Note(s) A	1125560 See Note(s) A
26"	21"	1097444 See Note(s) A	1125561 See Note(s) A	1125562-NLA See Note(s) A	1125563 See Note(s) A
NOTE: A - Back cover and foam are sold as a back cushion assembly only. Chart reflects chair width. The actual back cushion width will be 1" wider than the chair width.					
Back cover and foam are sold as a back cushion assembly only. Chart reflects chair width. The actual back cushion width will be 1" wider than the chair width.					

## Contoura Back without Mounting Hardware - Before 5/15/09

**NOTE:** When changing seat width on any system that has Recline and Contoura Seating (Tilt/Recline, Tilt/Recline/Elevate or Recline Only) you must First look up special quote # C-100628042246 for directions on how to order the Back and all additional components that may be required for changing seat width through the Equipment Configurator.

**NOTE:** Extruded back canes come in one back height only. Back cane material height for the contoura extruded back canes measure approximately 20-1/2". Overall back height from the seat pan to top of the extruded back cane is approximately 23". Only the Back Assembly needs to be replaced when changing back heights.



## **Contoura Back without Mounting Hardware - Before**

### **5/15/09**

**NOTE:** When changing seat width on any system that has Recline and Contoura Seating (Tilt/Recline, Tilt/Recline/Elevate or Recline Only) you must First look up special quote # C-100628042246 for directions on how to order the Back and all additional components that may be required for changing seat width through the Equipment Configurator.

**NOTE:** Extruded back canes come in one back height only. Back cane material height for the contoura extruded back canes measure approximately 20-1/2". Overall back height from the seat pan to top of the extruded back cane is approximately 23". Only the Back Assembly needs to be replaced when changing back heights.

# Contoura Back without Mounting Hardware - Before

## 5/15/09

**NOTE:** When changing seat width on any system that has Recline and Contoura Seating (Tilt/Recline, Tilt/Recline/Elevate or Recline Only) you must First look up special quote # C-100628042246 for directions on how to order the Back and all additional components that may be required for changing seat width through the Equipment Configurator.

**NOTE:** Extruded back canes come in one back height only. Back cane material height for the contoura extruded back canes measure approximately 20-1/2". Overall back height from the seat pan to top of the extruded back cane is approximately 23". Only the Back Assembly needs to be replaced when changing back heights.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		See Chart	#1 Back Assembly without Hardware 16", 18", 20", 22", 24" Wide	1	1
2		See Chart	#2 Back Pan with Vinyl Edge Trim 16", 18", 20", 22", 24" Wide	1	1
3		See Chart	#3 Back Cushion Assembly 16", 18", 20", 22", 24" Wide	1	1
4		1125725-NLA	NLA - Hook Fastener w/ Adhesive Back (1" W x 48" L)	1	1
5		1125724-NLA	NLA - Trim, Edge, Cut-To-Length, Vinyl Black (96" L)	1	1

# Contoura Back without Mounting Hardware - Before

## 5/15/09

**NOTE:** When changing seat width on any system that has Recline and Contoura Seating (Tilt/Recline, Tilt/Recline/Elevate or Recline Only) you must First look up special quote # C-100628042246 for directions on how to order the Back and all additional components that may be required for changing seat width through the Equipment Configurator.

**NOTE:** Extruded back canes come in one back height only. Back cane material height for the contoura extruded back canes measure approximately 20-1/2". Overall back height from the seat pan to top of the extruded back cane is approximately 23". Only the Back Assembly needs to be replaced when changing back heights.

### #1 Back Assembly without Hardware 16", 18", 20", 22", 24" Wide

Overall Back Height	Material Back Height	16" Wide	18" Wide	20" Wide	22" Wide	24" Wide
25"	20"	1132828-NLA	1132829-NLA	1132830-NLA	1132831-NLA	1132832-NLA
29"	24"	1132825-NLA	1124733-NLA	1124734-NLA	1132826-NLA	1132827-NLA

**NOTE:** When changing seat width on any system that has Recline and Contoura Seating (Tilt/Recline, Tilt/Recline/Elevate or Recline Only) you must First look up special quote # C-100628042246 for directions on how to order the Back and all additional components that may be required for changing seat width through the Equipment Configurator.

### #2 Back Pan with Vinyl Edge Trim 16", 18", 20", 22", 24" Wide

Overall Back Height	Material Back Height	16" Wide	18" Wide	20" Wide	22" Wide	24" Wide
25"	20"	1131405-NLA	1131406-NLA	1131407-NLA	1131408-NLA See Note(s) A	1131409-NLA
29"	24"	1131410-NLA	1122454-NLA	1122453-NLA	1131411-NLA	1131412-NLA

**NOTE:** A - Item is No Longer Available. Back Assembly, part # 1132831 must be purchased for replacement.

### #3 Back Cushion Assembly 16", 18", 20", 22", 24" Wide

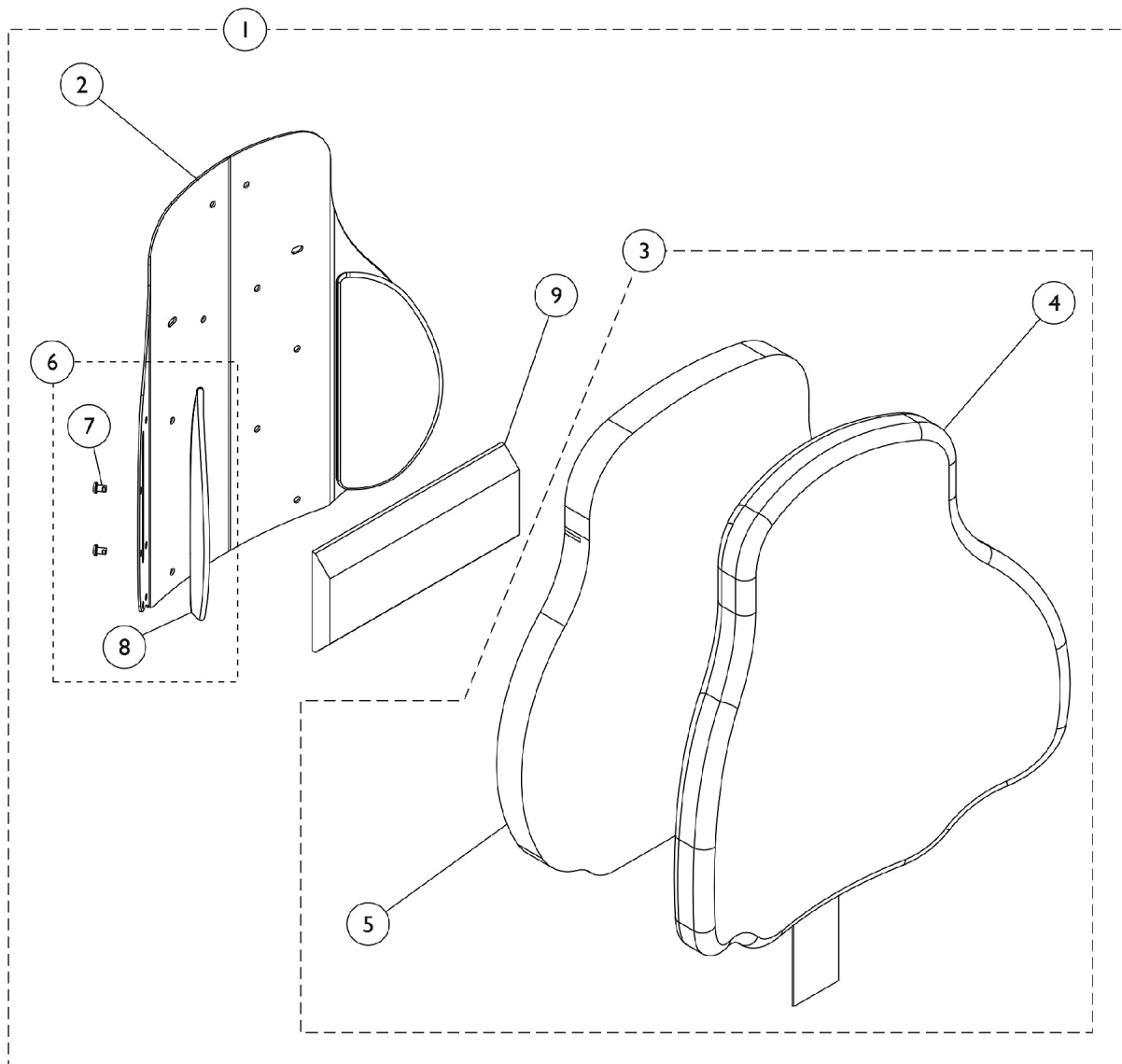
Overall Back Height	Material Back Height	16" Wide	18" Wide	20" Wide	22" Wide	24" Wide
25"	20"	1132820-NLA	1132821-NLA	1132822-NLA	1132823-NLA	1132824-NLA See Note(s) B
29"	24"	1132817-NLA	1125641-NLA	1125642-NLA	1132818-NLA	1132819-NLA See Note(s) A

**NOTE:** A - Item is No Longer Available. Back Assembly, part # 1132827 must be purchased for replacement.  
B - Item is No Longer Available. Back Assembly, part # 1132832 must be purchased for replacement.

# Curve Contoura Back w/o Mounting Hardware - After 5/14/09

**NOTE:** When changing seat width on any system that has Recline and Curve Contoura Seating (Tilt/Recline, Tilt/Recline/Elevate or Recline Only) you must First look up special quote # C-100628042246 for directions on how to order the Back and all additional components that may be required for changing seat width through the Equipment Configurator.

**NOTE:** Extruded back canes come in one back height only. Back cane material height for the contoura extruded back canes measure approximately 20-1/2". Overall back height from the seat pan to top of the extruded back cane is approximately 23". Only the Back Assembly needs to be replaced when changing back heights.



## **Curve Contoura Back w/o Mounting Hardware - After 5/14/09**

**NOTE:** When changing seat width on any system that has Recline and Curve Contoura Seating (Tilt/Recline, Tilt/Recline/Elevate or Recline Only) you must First look up special quote # C-100628042246 for directions on how to order the Back and all additional components that may be required for changing seat width through the Equipment Configurator.

**NOTE:** Extruded back canes come in one back height only. Back cane material height for the contoura extruded back canes measure approximately 20-1/2". Overall back height from the seat pan to top of the extruded back cane is approximately 23". Only the Back Assembly needs to be replaced when changing back heights.

# Curve Contoura Back w/o Mounting Hardware - After 5/14/09

**NOTE:** When changing seat width on any system that has Recline and Curve Contoura Seating (Tilt/Recline, Tilt/Recline/Elevate or Recline Only) you must First look up special quote # C-100628042246 for directions on how to order the Back and all additional components that may be required for changing seat width through the Equipment Configurator.

**NOTE:** Extruded back canes come in one back height only. Back cane material height for the contoura extruded back canes measure approximately 20-1/2". Overall back height from the seat pan to top of the extruded back cane is approximately 23". Only the Back Assembly needs to be replaced when changing back heights.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	See Chart	#1 Curved Contoura Back Kit	1	1
1	A	See Chart	#1 Mesh Curved Contoura Back Kit (CTBMSH)	1	1
3	B	See Chart	#3 Curve Contoura Back Cushion Assembly	1	1
3	B	See Chart	#3 Mesh Curve Contoura Back Cushion Assembly (CTBMSH)	1	1
6	C	1166151	Kit, Lateral Support, Contoura Back (22" H) (Pair)	1	1
			Screw, Socket, Button (1/4-20 x 3/8")	1	4
			Support, Lateral (22" H)	1	2
6	C	1163130-NLA	NLA - Kit, Lateral Support, Contoura Back (25" H) (Pair)	1	1
7			Screw, Socket, Button (1/4-20 x 3/8")	1	4
8			Support, Lateral (25" H)	1	2
6	C	1163131-NLA	NLA - Kit, Lateral Support, Contoura Back (28" H) (Pair)	1	1
7			Screw, Socket, Button (1/4-20 x 3/8")	1	4
8			Support, Lateral (28" H)	1	2
9		1084410-NLA	NLA - Support, Lumbar - Large	1	1
NOTE: A - Includes Items 2 thru 9. B - Includes Items 4 and 5. Back Cover and Foam are sold as a Back Cushion Assembly only. C - Included Items 7 and 8.					
Item #2 is a non-saleable part. Refer to item #1 Kit when ordering.					

## #1 Curved Contoura Back Kit

Overall Back Height	Material Back Height	16" Wide	18" Wide	20" Wide	22" Wide	24" Wide
22" High	17" High	1165846 See Note(s) A	1165847 See Note(s) A	1165848 See Note(s) A	1165849 See Note(s) A	1165850 See Note(s) A
25" High	20" High	1161480 See Note(s) A	1161482 See Note(s) A	1161484 See Note(s) A	1161486 See Note(s) A	1161488 See Note(s) A
28" High	23" High	1161481 See Note(s) A	1161483 See Note(s) A	1161485 See Note(s) A	1161487 See Note(s) A	1161489 See Note(s) A

# Curve Contoura Back w/o Mounting Hardware - After 5/14/09

**NOTE:** When changing seat width on any system that has Recline and Curve Contoura Seating (Tilt/Recline, Tilt/Recline/Elevate or Recline Only) you must First look up special quote # C-100628042246 for directions on how to order the Back and all additional components that may be required for changing seat width through the Equipment Configurator.

**NOTE:** Extruded back canes come in one back height only. Back cane material height for the contoura extruded back canes measure approximately 20-1/2". Overall back height from the seat pan to top of the extruded back cane is approximately 23". Only the Back Assembly needs to be replaced when changing back heights.

NOTE: A - Includes items 2-9

NOTE: When changing seat width on any system that has Recline and Curve Contoura Seating (Tilt/Recline, Tilt/Recline/Elevate or Recline Only) you must First look up special quote # C-100628042246 for directions on how to order the Back and all additional components that may be required for changing seat width through the Equipment Configurator.

Overall Back Height includes the spacing gap dimension from the bottom of the Back Assembly to the Seat Pan

## #1 Mesh Curved Contoura Back Kit (CTBMSH)

Overall Back Height	Material Back Height	16" Wide	18" Wide	20" Wide	22" Wide	24" Wide
22" High	17" High	1165837 See Note(s) A	1165842 See Note(s) A	1165843 See Note(s) A	1165844 See Note(s) A	1165845 See Note(s) A
25" High	20" High	1164235 See Note(s) A	1164237 See Note(s) A	1164239 See Note(s) A	1164241 See Note(s) A	1164243 See Note(s) A
28" High	23" High	1164236 See Note(s) A	1164238 See Note(s) A	1164240 See Note(s) A	1164242 See Note(s) A	1164244 See Note(s) A

NOTE: A - Includes items 2-9

NOTE: When changing seat width on any system that has Recline and Curve Contoura Seating (Tilt/Recline, Tilt/Recline/Elevate or Recline Only) you must First look up special quote # C-100628042246 for directions on how to order the Back and all additional components that may be required for changing seat width through the Equipment Configurator.

Overall Back Height includes the spacing gap dimension from the bottom of the Back Assembly to the Seat Pan

# Curve Contoura Back w/o Mounting Hardware - After 5/14/09

**NOTE:** When changing seat width on any system that has Recline and Curve Contoura Seating (Tilt/Recline, Tilt/Recline/Elevate or Recline Only) you must First look up special quote # C-100628042246 for directions on how to order the Back and all additional components that may be required for changing seat width through the Equipment Configurator.

**NOTE:** Extruded back canes come in one back height only. Back cane material height for the contoura extruded back canes measure approximately 20-1/2". Overall back height from the seat pan to top of the extruded back cane is approximately 23". Only the Back Assembly needs to be replaced when changing back heights.

## #3 Curve Contoura Back Cushion Assembly

Overall Back Height	Material Back Height	16" Wide	18" Wide	20" Wide	22" Wide	24" Wide
22" High	17" High	1166146 See Note(s) B	1166147 See Note(s) B	1166148 See Note(s) B	1166149 See Note(s) B	1166150 See Note(s) B
25" High	20" High	1163248-NLA See Note(s) B	1163250 See Note(s) B	1163252 See Note(s) B	1163254 See Note(s) B	1163256 See Note(s) B
28" High	23" High	1163249-NLA See Note(s) B	1163251 See Note(s) B	1163253 See Note(s) B	1163255 See Note(s) B	1163257-NLA See Note(s) B

NOTE: B - Includes items 4 and 5. Back Cover and Foam are sold as a Back Cushion Assembly only.

Overall Back Height includes the spacing gap dimension from the bottom of the Back Assembly to the Seat Pan

## #3 Mesh Curve Contoura Back Cushion Assembly (CTBMSH)

Overall Back Height	Material Back Height	16" Wide	18" Wide	20" Wide	22" Wide	24" Wide
22" High	17" High	1166141 See Note(s) B	1166142 See Note(s) B	1166143 See Note(s) B	1166144 See Note(s) B	1166145 See Note(s) B
25" High	20" High	1171642-NLA See Note(s) B	1171644-NLA See Note(s) B	1171646-NLA See Note(s) B	1171648-NLA See Note(s) B	1171650-NLA See Note(s) B
28" High	23" High	1171643-NLA See Note(s) B	1171645-NLA See Note(s) B	1171647-NLA See Note(s) B	1171649-NLA See Note(s) B	1171651-NLA See Note(s) B

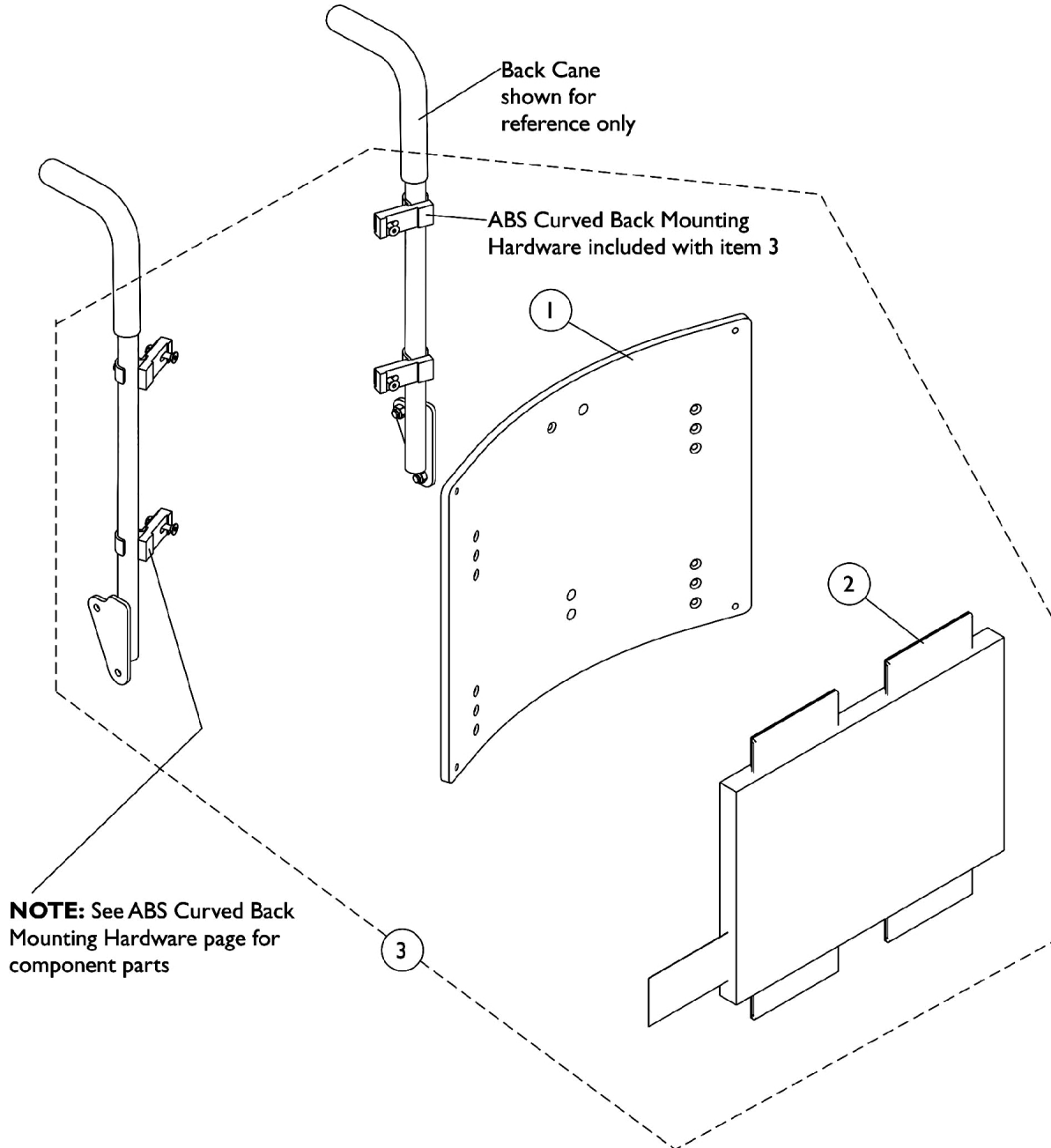
NOTE: B - Includes items 4 and 5. Back Cover and Foam are sold as a Back Cushion Assembly only.

Overall Back Height includes the spacing gap dimension from the bottom of the Back Assembly to the Seat Pan

# ABS Curved Back Assembly

**NOTE:** ABS Curved Back mounts only to back canes without a 10 degree bend.

**NOTE:** As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.



## ABS Curved Back Assembly

**NOTE:** ABS Curved Back mounts only to back canes without a 10 degree bend.

**NOTE:** As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		See Chart	#1 Back Pan 16"-18"	1	1
1		See Chart	#1 Back Pan 19"-22"	1	1
1		See Chart	#1 Back Pan 23"-24"	1	1
2		See Chart	#2 Back Cushion Assembly 16"-18"	1	1
2		See Chart	#2 Back Cushion Assembly 19"-22"	1	1
2		See Chart	#2 Back Cushion Assembly 23"-24"	1	1
3		See Chart	#3 Back Assembly with Hardware 16"-18"	1	1
3		See Chart	#3 Back Assembly with Hardware 19"-22"	1	1
3		See Chart	#3 Back Assembly with Hardware 23"-24"	1	1
	A	1125723	Kit, Hook Fastener w/ Adhesive Back	1	1

**NOTE:** A - Not Shown. Hook Fastener Adhesive Kit is used to attach the Back Cover to the Back Pan and must be ordered when a new Back Pan or Back Assembly is requested.

### #1 Back Pan - 16" W to 18" W

Overall Back Height	Material Back Height	16" Wide	17" Wide	18" Wide
16"	12"	1086021-NLA See Note(s) A	1086022-NLA See Note(s) A	1086023-NLA See Note(s) A
17"	13"	1086028-NLA See Note(s) A	1086029-NLA See Note(s) A	1086030-NLA See Note(s) A
18"	14"	1086035-NLA See Note(s) A	1086036-NLA See Note(s) A	1086037-NLA See Note(s) A
19"	15"	1086042-NLA See Note(s) A	1086043-NLA See Note(s) A	1086044-NLA See Note(s) A
20"	16"	1086049-NLA See Note(s) A	1086050-NLA See Note(s) A	1086051-NLA See Note(s) A
21"	17"	1086056-NLA See Note(s) A	1086057-NLA See Note(s) A	1086058-NLA See Note(s) A
22"	18"	1086063-NLA See Note(s) A	1086064-NLA See Note(s) A	1086065-NLA See Note(s) A
23"	19"	1086070-NLA See Note(s) A	1086071-NLA See Note(s) A	1086072-NLA See Note(s) A
24"	20"	1086077-NLA See Note(s) A	1086078-NLA See Note(s) A	1086079-NLA See Note(s) A

**NOTE:** A - Part Number is No Longer Available. See Category page titled "Backs - Metal Curved Assembly" and use the item "Back Assembly w/ Hardware" to find replacement part numbers. Match the wheelchair width by the material back height when ordering.

**NOTE:** Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is requested. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

## ABS Curved Back Assembly

**NOTE:** ABS Curved Back mounts only to back canes without a 10 degree bend.

**NOTE:** As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.

### #1 Back Pan - 19" W to 22" W

Overall Back Height	Material Back Height	19" Wide	20" Wide	21" Wide	22" Wide
16"	12"	1086024-NLA See Note(s) A	1086025-NLA See Note(s) A	1086026-NLA See Note(s) A	1086027-NLA See Note(s) A
17"	13"	1086031-NLA See Note(s) A	1086032-NLA See Note(s) A	1086033-NLA See Note(s) A	1086034-NLA See Note(s) A
18"	14"	1086038-NLA See Note(s) A	1086039-NLA See Note(s) A	1086040-NLA See Note(s) A	1086041-NLA See Note(s) A
19"	15"	1086045-NLA See Note(s) A	1086046-NLA See Note(s) A	1086047-NLA See Note(s) A	1086048-NLA See Note(s) A
20"	16"	1086052-NLA See Note(s) A	1086053-NLA See Note(s) A	1086054-NLA See Note(s) A	1086055-NLA See Note(s) A
21"	17"	1086059-NLA See Note(s) A	1086060-NLA See Note(s) A	1086061-NLA See Note(s) A	1086062-NLA See Note(s) A
22"	18"	1086066-NLA See Note(s) A	1086067-NLA See Note(s) A	1086068-NLA See Note(s) A	1086069-NLA See Note(s) A
23"	19"	1086073-NLA See Note(s) A	1086074-NLA See Note(s) A	1086075-NLA See Note(s) A	1086076-NLA See Note(s) A
24"	20"	1086080-NLA See Note(s) A	1086081-NLA See Note(s) A	1086082-NLA See Note(s) A	1086083-NLA See Note(s) A

**NOTE:** A - Part Number is No Longer Available. See Category page titled "Backs - Metal Curved Assembly" and use the item "Back Assembly w/ Hardware" to find replacement part numbers. Match the wheelchair width by the material back height when ordering.

**NOTE:** Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is requested. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

# ABS Curved Back Assembly

**NOTE:** ABS Curved Back mounts only to back canes without a 10 degree bend.

**NOTE:** As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.

## #1 Back Pan - 23" W to 24" W

Overall Back Height	Material Back Height	23" Wide	24" Wide
16"	12"	1145562-NLA See Note(s) A	1145563-NLA See Note(s) A
17"	13"	1145564-NLA See Note(s) A	1145565-NLA See Note(s) A
18"	14"	1145566-NLA	1145567-NLA
19"	15"	1143425-NLA See Note(s) A	1143426-NLA See Note(s) A
20"	16"	1143762-NLA See Note(s) A	1143763-NLA See Note(s) A
21"	17"	1143764-NLA See Note(s) A	1143765-NLA See Note(s) A
22"	18"	1143766-NLA See Note(s) A	1143767-NLA See Note(s) A
23"	19"	1143768-NLA See Note(s) A	1143769-NLA See Note(s) A
24"	20"	1143770-NLA See Note(s) A	1143771-NLA See Note(s) A

**NOTE:** A - Part Number is No Longer Available. See Category page titled "Backs - Metal Curved Assembly" and use the item "Back Assembly w/ Hardware" to find part numbers. Match the wheelchair width by the material back height when ordering.

**NOTE:** Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is requested. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

## #2 Back Cushion Assembly - 16" W to 18" W

Overall Back Height	Material Back Height	16" Wide	17" Wide	18" Wide
16"	12"	1097375-NLA	1097376-NLA	1097377
17"	13"	1097382-NLA	1097383-NLA	1097384-NLA
18"	14"	1097389	1097390-NLA	1097391
19"	15"	1097396	1097397	1097398
20"	16"	1097403	1097404	1097405
21"	17"	1097410	1097411	1097412
22"	18"	1097417	1097418	1097419
23"	19"	1097424	1097425	1097426
24"	20"	1097431	1097432	1097433

**NOTE:** Back cover and foam are sold as a Back Cushion Assembly only.

## ABS Curved Back Assembly

**NOTE:** ABS Curved Back mounts only to back canes without a 10 degree bend.

**NOTE:** As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.

### #2 Back Cushion Assembly - 19" W to 22" W

Overall Back Height	Material Back Height	19" Wide	20" Wide	21" Wide	22" Wide
16"	12"	1097378-NLA	1097379-NLA	1097380-NLA	1097381-NLA
17"	13"	1097385-NLA	1097386-NLA	1097387-NLA	1097388-NLA
18"	14"	1097392	1097393	1097394-NLA	1097395-NLA
19"	15"	1097399	1097400	1097401	1097402
20"	16"	1097406	1097407	1097408	1097409
21"	17"	1097413	1097414	1097415	1097416
22"	18"	1097420	1097421	1097422	1097423
23"	19"	1097427	1097428	1097429	1097430
24"	20"	1097434	1097435	1097436	1097437

NOTE: Back cover and foam are sold as a Back Cushion Assembly only.

### #2 Back Cushion Assembly - 23" W to 24" W

Overall Back Height	Material Back Height	23" Wide	24" Wide
16"	12"	1146423	1146424
17"	13"	1146425	1146426
18"	14"	1146427	1146428
19"	15"	1125543	1125544
20"	16"	1125546	1125547
21"	17"	1125549	1125550
22"	18"	1125552	1125553
23"	19"	1125555	1125556
24"	20"	1125558	1125559

NOTE: Back cover and foam are sold as a Back Cushion Assembly only.

## ABS Curved Back Assembly

**NOTE:** ABS Curved Back mounts only to back canes without a 10 degree bend.

**NOTE:** As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.

### #3 Back Assembly with Hardware - 16" W to 18" W

Overall Back Height	Material Back Height ABS Plastic Curved	Material Back Height Metal Curved	16" Wide	17" Wide	18" Wide
16"	12"	11"	1106973-NLA	1106983	1106993
17"	13"	12"	1106974	1106984	1106994
18"	14"	13"	1106975	1106985	1106995
19"	15"	14"	1106976	1106986	1106996
20"	16"	15"	1106977	1106987	1106997
21"	17"	16"	1106978	1106988	1106998
22"	18"	17"	1106979	1106989	1106999
23"	19"	18"	1106980	1106990	1107000
24"	20"	19"	1106981	1106991	1107001

NOTE: Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is requested. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

### #3 Back Assembly with Hardware - 19" W to 22" W

Overall Back Height	Material Back Height ABS Plastic Curved	Material Back Height Metal Curved	19" Wide	20" Wide	21" Wide	22" Wide
16"	12"	11"	1107003	1107013	1107023	1107033
17"	13"	12"	1107004	1107014	1107024	1107034
18"	14"	13"	1107005	1107015	1107025	1107035
19"	15"	14"	1107006	1107016	1107026	1107036
20"	16"	15"	1107007	1107017	1107027	1107042-NLA
21"	17"	16"	1107008	1107018	1107028	1107043
22"	18"	17"	1107009	1107019	1107029	1107044
23"	19"	18"	1107010	1107020	1107030	1107045
24"	20"	19"	1107011	1107021	1107031	1107046

NOTE: Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is requested. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

## ABS Curved Back Assembly

**NOTE:** ABS Curved Back mounts only to back canes without a 10 degree bend.

**NOTE:** As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.

### #3 Back Assembly with Hardware - 23" W to 24" W

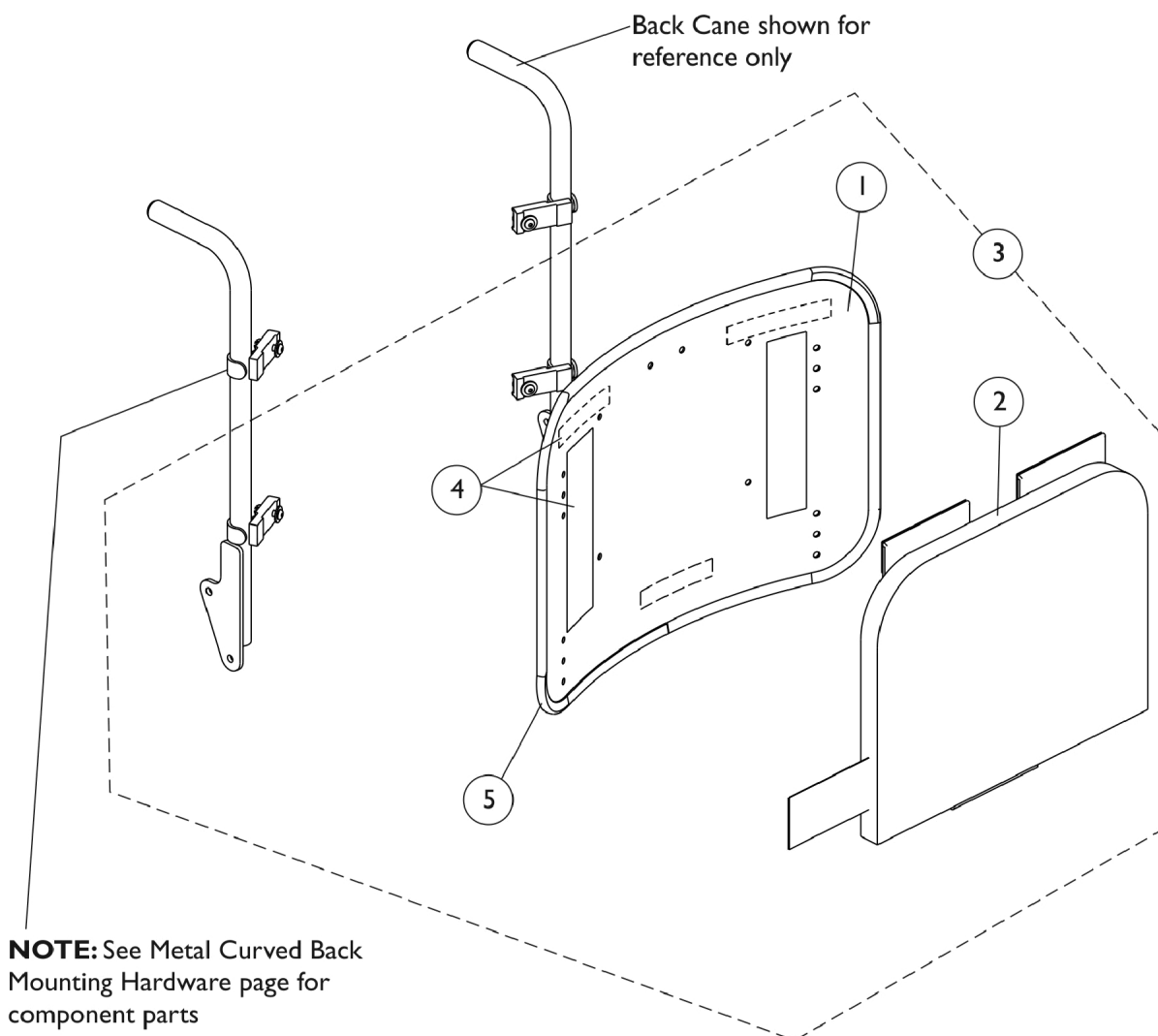
Overall Back Height	Material Back Height ABS Plastic Curved	Material Back Height Metal Curved	23" Wide	24" Wide
16"	12"	11"	1146430	1146434
17"	13"	12"	1146431	1146435
18"	14"	13"	1146432	1146436
19"	15"	14"	1144746	1144753
20"	16"	15"	1144747	1144754
21"	17"	16"	1144748	1144755
22"	18"	17"	1144749	1144756
23"	19"	18"	1144750	1144757
24"	20"	19"	1144751	1144758

NOTE: Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is requested. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

## Metal Curved Back Assembly (16-24" Wide)

**NOTE:** Curved Back mounts only to back canes without a 10 degree bend.

**NOTE:** As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.



## Metal Curved Back Assembly (16-24" Wide)

**NOTE:** Curved Back mounts only to back canes without a 10 degree bend.

**NOTE:** As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		See Chart	#1 Back Pan w/ Vinyl Edge Trim 16"-18" Wide	1	1
1		See Chart	#1 Back Pan w/ Vinyl Edge Trim 19"-22" Wide	1	1
1		See Chart	#1 Back Pan w/ Vinyl Edge Trim 23"-24" Wide	1	1
2		See Chart	#2 Back Cushion Assembly 16"-18" Wide	1	1
2		See Chart	#2 Back Cushion Assembly 19"-22" Wide	1	1
2		See Chart	#2 Back Cushion Assembly 23"-24" Wide	1	1
3		See Chart	#3 Back Assembly with Hardware 16"-18" Wide	1	1
3		See Chart	#3 Back Assembly with Hardware 19"-22" Wide	1	1
3		See Chart	#3 Back Assembly with Hardware 23"-24" Wide	1	1
4	A	1125723	Kit, Hook Fastener w/ Adhesive Back	1	1
5		1125724-NLA	NLA - Trim, Edge, Cut-To-Length, Vinyl Black (96" L)	1	1

**NOTE:** A - Hook Fastener Adhesive Kit is used to attach the Back Cover to the Back Pan and must be ordered when a new Back Pan or Back Assembly is requested.

### #1 Back Pan w/ Vinyl Edge Trim - 16"-18" Wide

Overall Back Height	Material Back Height	16" Wide	17" Wide	18" Wide
16"	11"	1157826	1157837	1157848
17"	12"	1157827	1157838	1157849
18"	13"	1157828	1157839	1157850
19"	14"	1157829	1157840	1157851
20"	15"	1157830	1157841	1157852
21"	16"	1157831	1157842	1157853
22"	17"	1157832	1157843	1157854
23"	18"	1157833	1157844	1157855
24"	19"	1157834	1157845	1157856
25"	20"	1157835	1157846	1157857
26"	21"	1157836	1157847	1157858

**NOTE:** Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is requested. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

## Metal Curved Back Assembly (16-24" Wide)

NOTE: Curved Back mounts only to back canes without a 10 degree bend.

NOTE: As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.

### #1 Back Pan w/ Vinyl Edge Trim - 19"-22" Wide

Overall Back Height	Material Back Height	19" Wide	20" Wide	21" Wide	22" Wide
16"	11"	1157859	1157870	1157881	1157892
17"	12"	1157860	1157871	1157882	1157893
18"	13"	1157861	1157872	1157883	1157894
19"	14"	1157862	1157873	1157884	1157895
20"	15"	1157863	1157874	1157885	1157896
21"	16"	1157864	1157875	1157886	1157897
22"	17"	1157865	1157876	1157887	1157898
23"	18"	1157866	1157877	1157888	1157899
24"	19"	1157867	1157878	1157889	1157900
25"	20"	1157868	1157879	1157890	1157901
26"	21"	1157869	1157880	1157891	1157902

NOTE: Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is requested. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

## Metal Curved Back Assembly (16-24" Wide)

NOTE: Curved Back mounts only to back canes without a 10 degree bend.

NOTE: As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.

### #1 Back Pan w/ Vinyl Edge Trim - 23"-24" Wide

Overall Back Height	Material Back Height	23" Wide	24" Wide
16"	11"	1157903	1157914
17"	12"	1157904	1157915
18"	13"	1157905	1157916
19"	14"	1157906	1157917
20"	15"	1157907	1157918
21"	16"	1157908	1157919
22"	17"	1157909	1157920
23"	18"	1157910	1157921
24"	19"	1157911	1157922
25"	20"	1157912	1157923
26"	21"	1157913	1157924

NOTE: Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is requested. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

## Metal Curved Back Assembly (16-24" Wide)

NOTE: Curved Back mounts only to back canes without a 10 degree bend.

NOTE: As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.

### #2 Back Cushion Assembly - 16"-18" Wide

Overall Back Height	Material Back Height	16" Wide	17" Wide	18" Wide
16"	12-1/2"	1160207	1160218	1160229
17"	13-1/2"	1160208	1160219	1160230
18"	14-1/2"	1160209	1160220	1160231
19"	15-1/2"	1160210	1160221	1160232
20"	16-1/2"	1160211	1160222	1160233
21"	17-1/2"	1160212	1160223	1160234
22"	18-1/2"	1160213	1160224	1160235
23"	19-1/2"	1160214	1160225	1160236
24"	20-1/2"	1160215	1160226	1160237
25"	21-1/2"	1160216	1160227	1160238
26"	22-1/2"	1160217	1160228	1160239

NOTE: Back cover and foam are sold as a Back Cushion Assembly only.

## Metal Curved Back Assembly (16-24" Wide)

NOTE: Curved Back mounts only to back canes without a 10 degree bend.

NOTE: As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.

### #2 Back Cushion Assembly - 19"-22" Wide

Overall Back Height	Material Back Height	19" Wide	20" Wide	21" Wide	22" Wide
16"	12-1/2"	1097378-NLA	1097379-NLA	1097380-NLA	1097381-NLA
17"	13-1/2"	1097385-NLA	1097386-NLA	1097387-NLA	1097388-NLA
18"	14-1/2"	1097392	1097393	1097394-NLA	1097395-NLA
19"	15-1/2"	1097399	1097400	1097401	1097402
20"	16-1/2"	1097406	1097407	1097408	1097409
21"	17-1/2"	1097413	1097414	1097415	1097416
22"	18-1/2"	1097420	1097421	1097422	1097423
23"	19-1/2"	1097427	1097428	1097429	1097430
24"	20-1/2"	1097434	1097435	1097436	1097437
25"	21-1/2"	1160249	1160260	1160271	1160282
26"	22-1/2"	1160250	1160261	1160272	1160283

NOTE: Back cover and foam are sold as a Back Cushion Assembly only.

## Metal Curved Back Assembly (16-24" Wide)

NOTE: Curved Back mounts only to back canes without a 10 degree bend.

NOTE: As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.

### #2 Back Cushion Assembly - 23"-24" Wide

Overall Back Height	Material Back Height	23" Wide	24" Wide
16"	12-1/2"	1160284	1160295
17"	13-1/2"	1160285	1160296
18"	14-1/2"	1160286	1160297
19"	15-1/2"	1160287	1160298
20"	16-1/2"	1160288	1160299
21"	17-1/2"	1160289	1160300
22"	18-1/2"	1160290	1160301
23"	19-1/2"	1160291	1160302
24"	20-1/2"	1160292	1160303
25"	21-1/2"	1160293-NLA	1160304
26"	22-1/2"	1160294	1160305

NOTE: Back cover and foam are sold as a Back Cushion Assembly only.

## Metal Curved Back Assembly (16-24" Wide)

NOTE: Curved Back mounts only to back canes without a 10 degree bend.

NOTE: As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.

### #3 Back Assembly with Hardware - 16"-18" Wide

Overall Back Height	Material Back Height ABS Plastic Curved	Material Back Height Metal Curved	16" Wide	17" Wide	18" Wide
16"	12"	11"	1106973-NLA	1106983	1106993
17"	13"	12"	1106974	1106984	1106994
18"	14"	13"	1106975	1106985	1106995
19"	15"	14"	1106976	1106986	1106996
20"	16"	15"	1106977	1106987	1106997
21"	17"	16"	1106978	1106988	1106998
22"	18"	17"	1106979	1106989	1106999
23"	19"	18"	1106980	1106990	1107000
24"	20"	19"	1106981	1106991	1107001
25"	21"	20"	1160306	1160308	1160310
26"	22"	21"	1160307	1160309	1160311

NOTE: Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is requested. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

NOTE: When ordering Metal Curved Back assemblies to replace ABS Back Pans, match the wheelchair width by the material back height to determine the correct part number to order.

## Metal Curved Back Assembly (16-24" Wide)

**NOTE:** Curved Back mounts only to back canes without a 10 degree bend.

**NOTE:** As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.

### #3 Back Assembly with Hardware - 19"-22" Wide

Overall Back Height	Material Back Height ABS Plastic Curved	Material Back Height Metal Curved	19" Wide	20" Wide	21" Wide	22" Wide
16"	12"	11"	1107003	1107013	1107023	1107033
17"	13"	12"	1107004	1107014	1107024	1107034
18"	14"	13"	1107005	1107015	1107025	1107035
19"	15"	14"	1107006	1107016	1107026	1107036
20"	16"	15"	1107007	1107017	1107027	1107042-NLA
21"	17"	16"	1107008	1107018	1107028	1107043
22"	18"	17"	1107009	1107019	1107029	1107044
23"	19"	18"	1107010	1107020	1107030	1107045
24"	20"	19"	1107011	1107021	1107031	1107046
25"	21"	20"	1160312	1160314	1160316	1160318
26"	22"	21"	1160313	1160315	1160317	1160319

**NOTE:** Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is requested. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

**NOTE:** Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is requested. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

**NOTE:** When ordering Metal Curved Back assemblies to replace ABS Back Pans, match the wheelchair width by the material back height to determine the correct part number to order.

## Metal Curved Back Assembly (16-24" Wide)

NOTE: Curved Back mounts only to back canes without a 10 degree bend.

NOTE: As of 8/15/08 the Curved Back material changed from ABS Plastic to Metal as inventory runs out. You must ask the customer if they have an ABS Plastic or the Metal Curved Back model when replacing components. All service replacement Back Assemblies with Hardware shipped will be metal. New Headrest Mounting Hardware is required when replacing an ABS Curved Back with a Metal Curved Back.

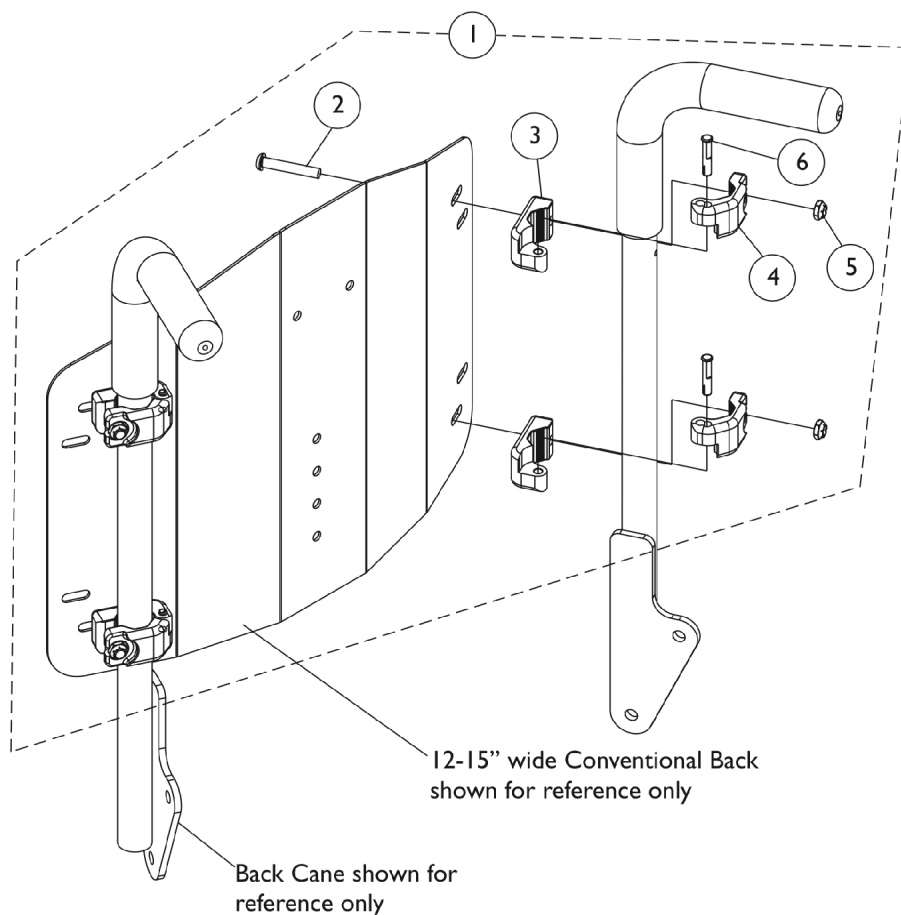
### #3 Back Assembly with Hardware - 23"-24" Wide

Overall Back Height	Material Back Height ABS Plastic Curved	Material Back Height Metal Curved	23" Wide	24" Wide
16"	12"	11"	1146430	1146434
17"	13"	12"	1146431	1146435
18"	14"	13"	1146432	1146436
19"	15"	14"	1144746	1144753
20"	16"	15"	1144747	1144754
21"	17"	16"	1144748	1144755
22"	18"	17"	1144749	1144756
23"	19"	18"	1144750	1144757
24"	20"	19"	1144751	1144758
25"	21"	20"	1144752	1144759
26"	22"	21"	1160320	1160321

NOTE: Hook Fastener Adhesive Kit must be ordered when a Back Pan or Back Assembly is requested. This will allow the Loop Fastener Adhesive on the Back Cover to attach properly.

NOTE: When ordering Metal Curved Back assemblies to replace ABS Back Pans, match the wheelchair width by the material back height to determine the correct part number to order.

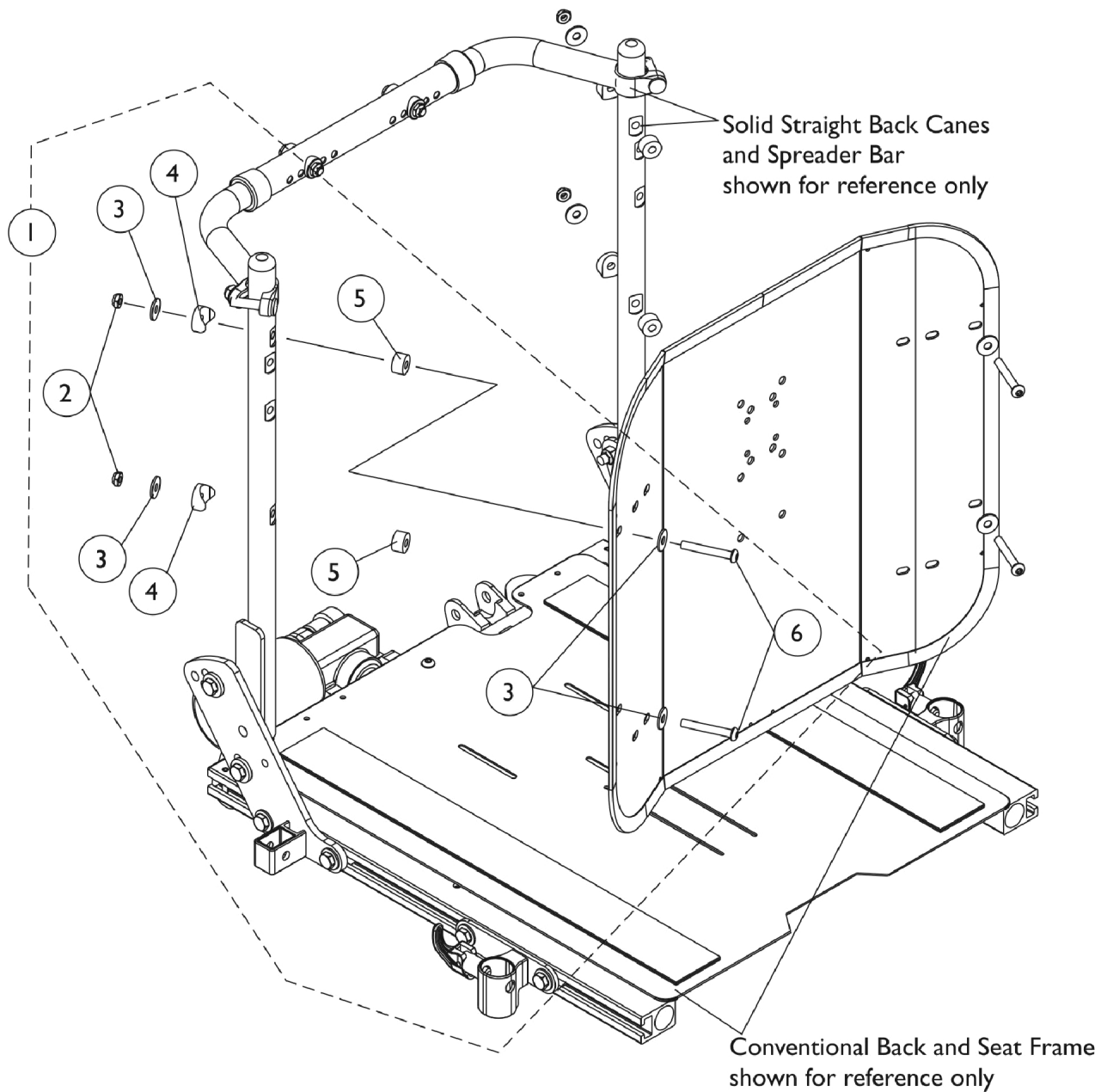
## Back Mounting Hardware Conventional (CGT) (12"-15" Wide)



Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1148440	Kit, Conventional Back Mounting Hardware (12"-15" Wide)	1	1
2			Screw, Socket Button Head (1/4-20 x 1-1/2")	1	4
3			NLA - Clamp, Inner	1	4
4			NLA - Clamp, Outer	1	4
5			Locknut (1/4-20)	1	4
6			NLA - Pin, Hinge	1	4
NOTE: A - Includes items 2-6					

# Back Mounting Hardware

## Conventional (CGT 16"-24" Wide) (CGTE 16"-22" Wide)

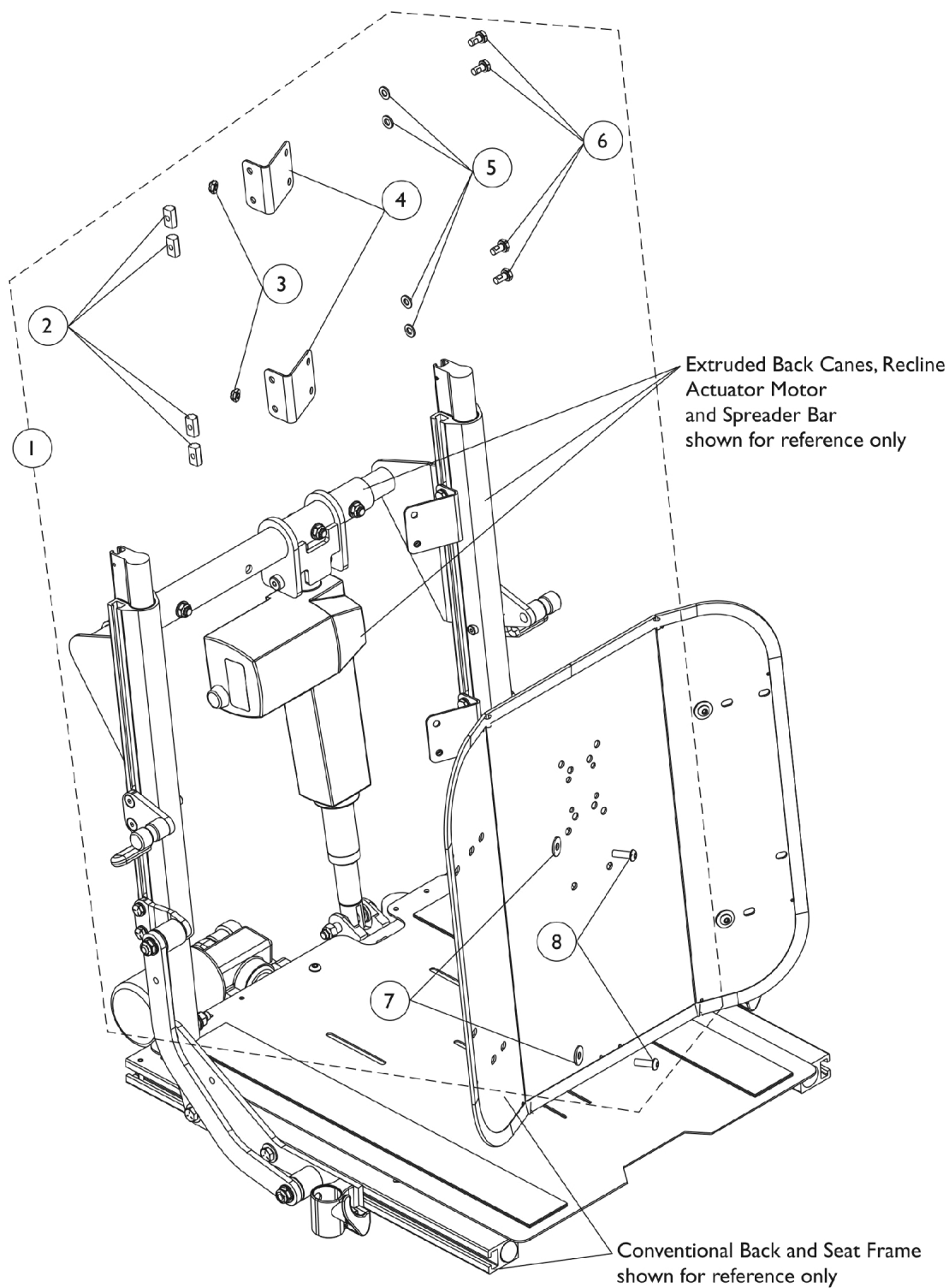


## Back Mounting Hardware

### Conventional (CGT 16"-24" Wide) (CGTE 16"-22" Wide)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1125757-NLA	NLA - Kit, Back Mounting Hardware For Conventional Tilt	1	1
2			Locknut (1/4-20)	1	4
3			Washer (1/4 x 23/32 x 1/16")	1	8
4			NLA - Spacer, Coved (1/4 x 7/8 x 7/16")	1	4
5			NLA - Spacer (1/4 x 5/8 x 3/8")	1	4
6			NLA - Screw, Socket Button Head (1/4-20 x 2")	1	4
NOTE: A - Includes items 2-6					

# Back Mounting Hardware Conventional (CGR/CGTR/CGTRE)

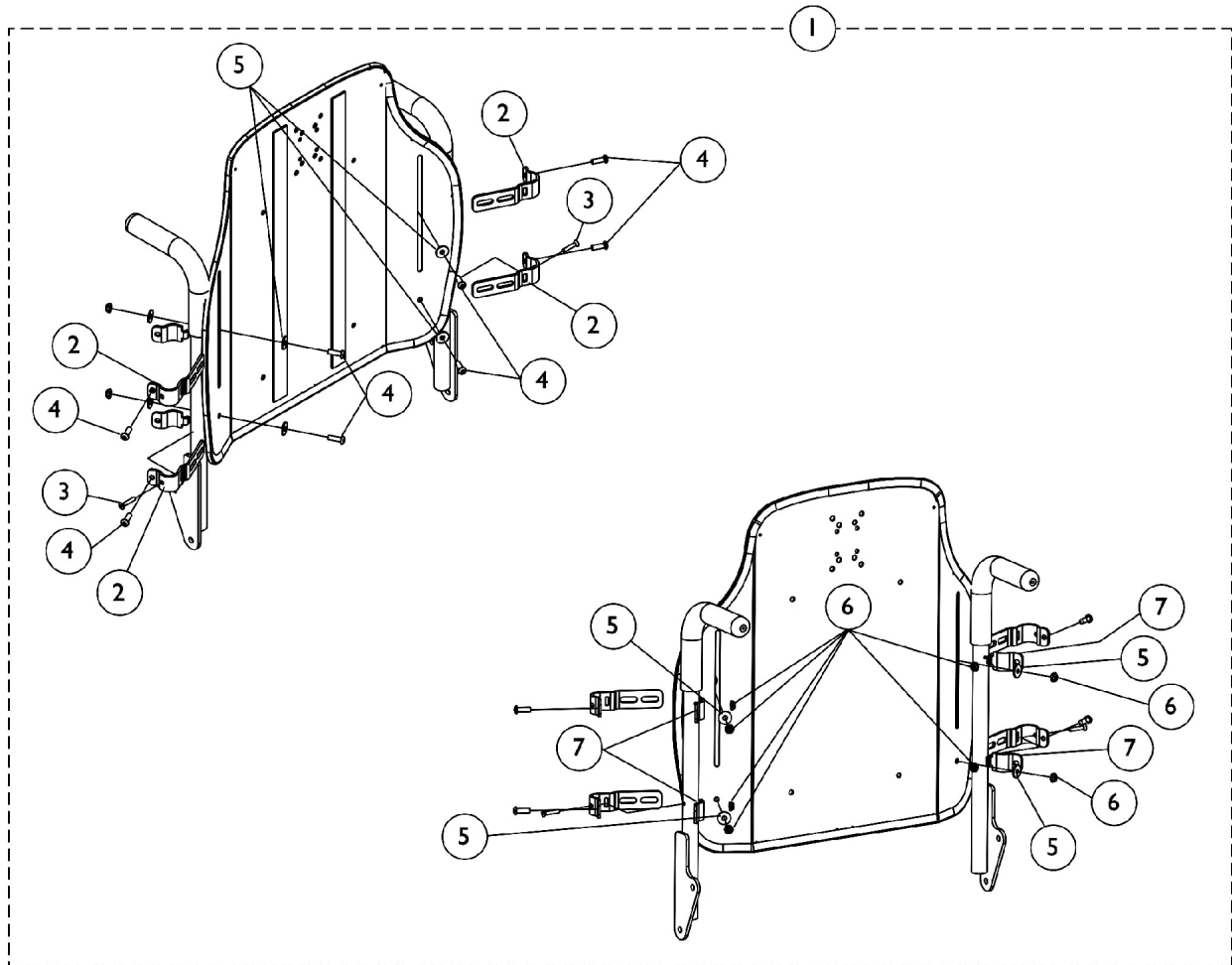


## Back Mounting Hardware Conventional (CGR/CGTR/CGTRE)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1125756	Kit, Back Mounting Hardware For Conventional Recline and Tilt/Recline	1	1
2			T-Nut (1/4-20)	1	8
3			Locknut (1/4-20)	1	4
4			NLA - Bracket, Angled Back, Black	1	4
5			Washer (1/4 x 1/2 x 1/16")	1	8
6			Screw, Hex Head w/ Patch (1/4-20 x 1/2")	1	8
7			Washer (1/4 x 23/32 x 1/16")	1	4
8			Screw, Socket Button (1/4-20 x 3/4")	1	4
NOTE: A - Includes items 2-8					

# Contoura Back Mounting Hardware

Contoura (CGT/CGTE) or (CGE) Before 5/15/09

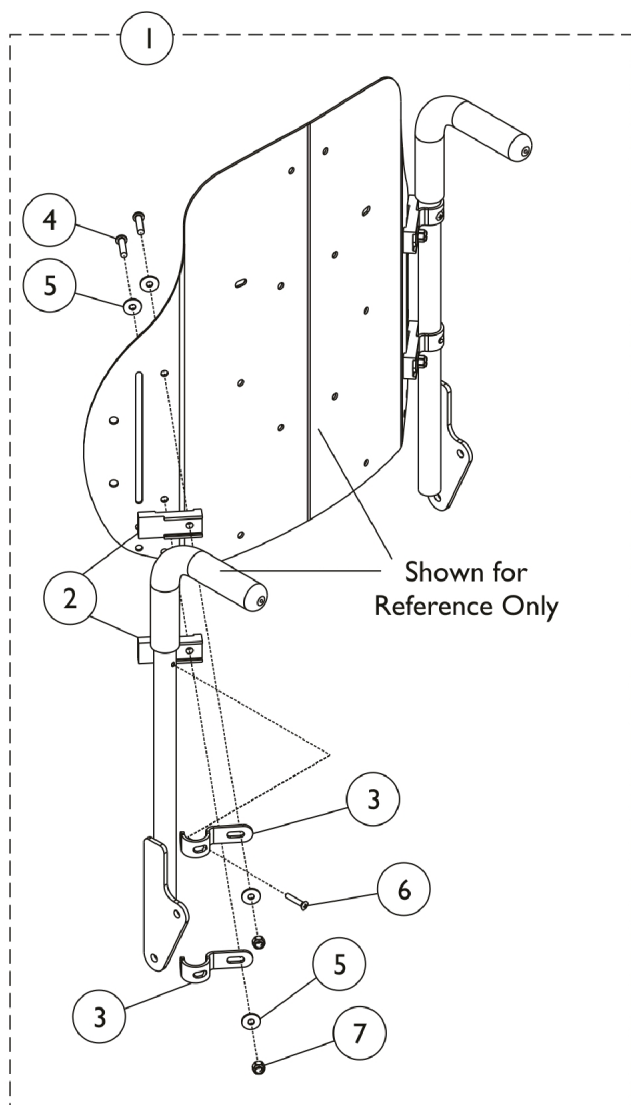


## Contoura Back Mounting Hardware

### Contoura (CGT/CGTE) or (CGE) Before 5/15/09

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1140945	Kit, Contoura Back Mounting Hdwr. - Round Canes	1	1
2			Bracket, Back Mounting, Front, Black	1	4
3			NLA - Screw, Phillips Oval Head (#10-16 x 7/8")	1	2
4			Screw, Socket Button (1/4-20 x 3/4")	1	8
5			Washer (1/4 x 23/32 x 1/16")	1	8
6			Locknut (1/4-20)	1	8
7			Bracket, Back Mounting, Rear, Black	1	4
NOTE: A - Includes items 2-7					

# Curve Contoura Mounting Back Hardware - After 5/14/09

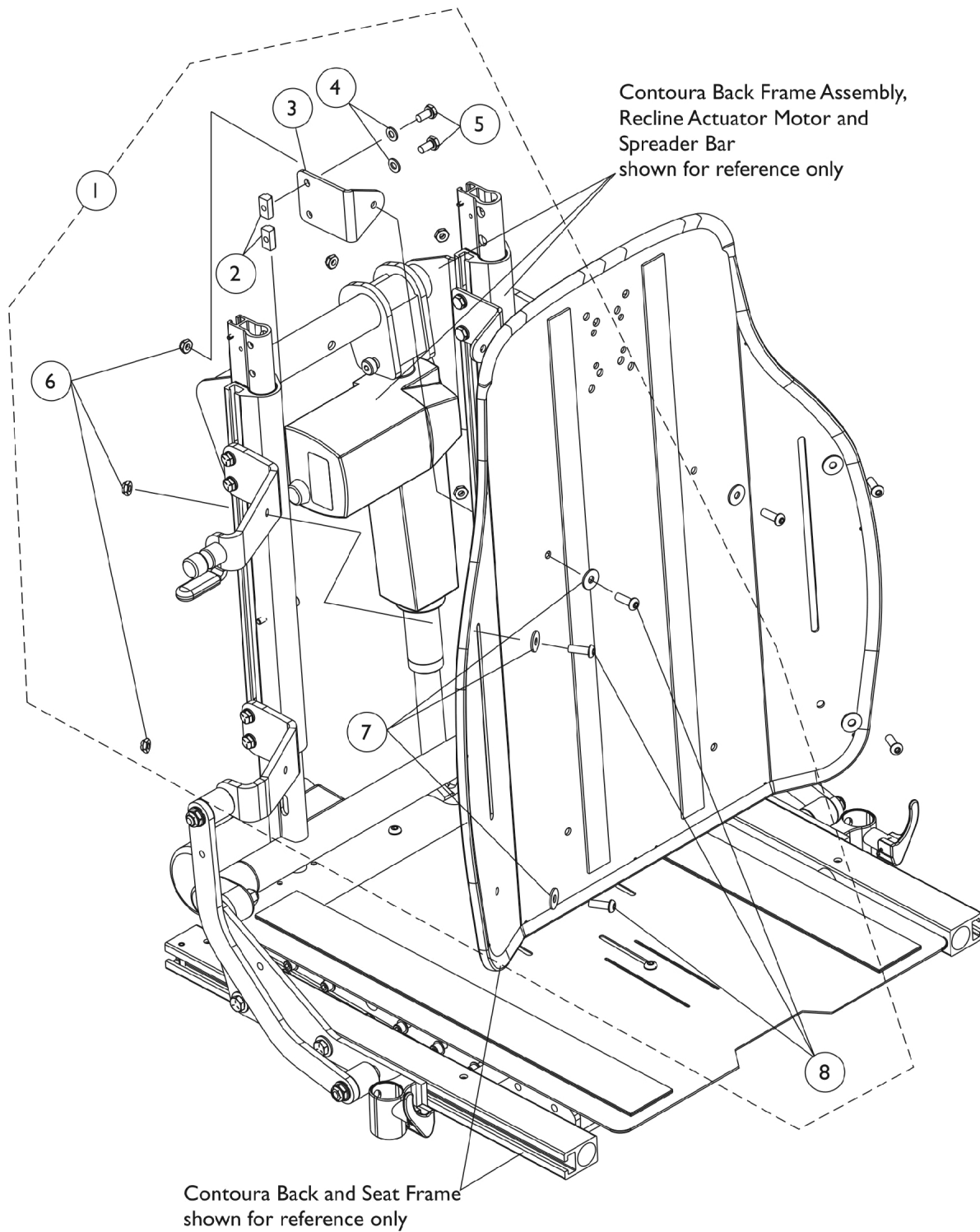


Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1157925	Kit, Metal Curved and Curve Contoura Back Mounting Hardware	1	1
2			Spacer, Back Pan, Black	1	4
3			Hook, Back Assembly Mounting	1	4
4			Screw, Socket Button Head (1/4-20 x 1")	1	4
5			Washer (1/4 x 23/32 x 1/16")	1	8
6			NLA - Screw, Phillips Oval Head (#10-16 x 7/8")	1	2
7			Locknut (1/4-20)	1	4

NOTE: A - Includes Items 2 thru 7.

# Back Mounting Hardware

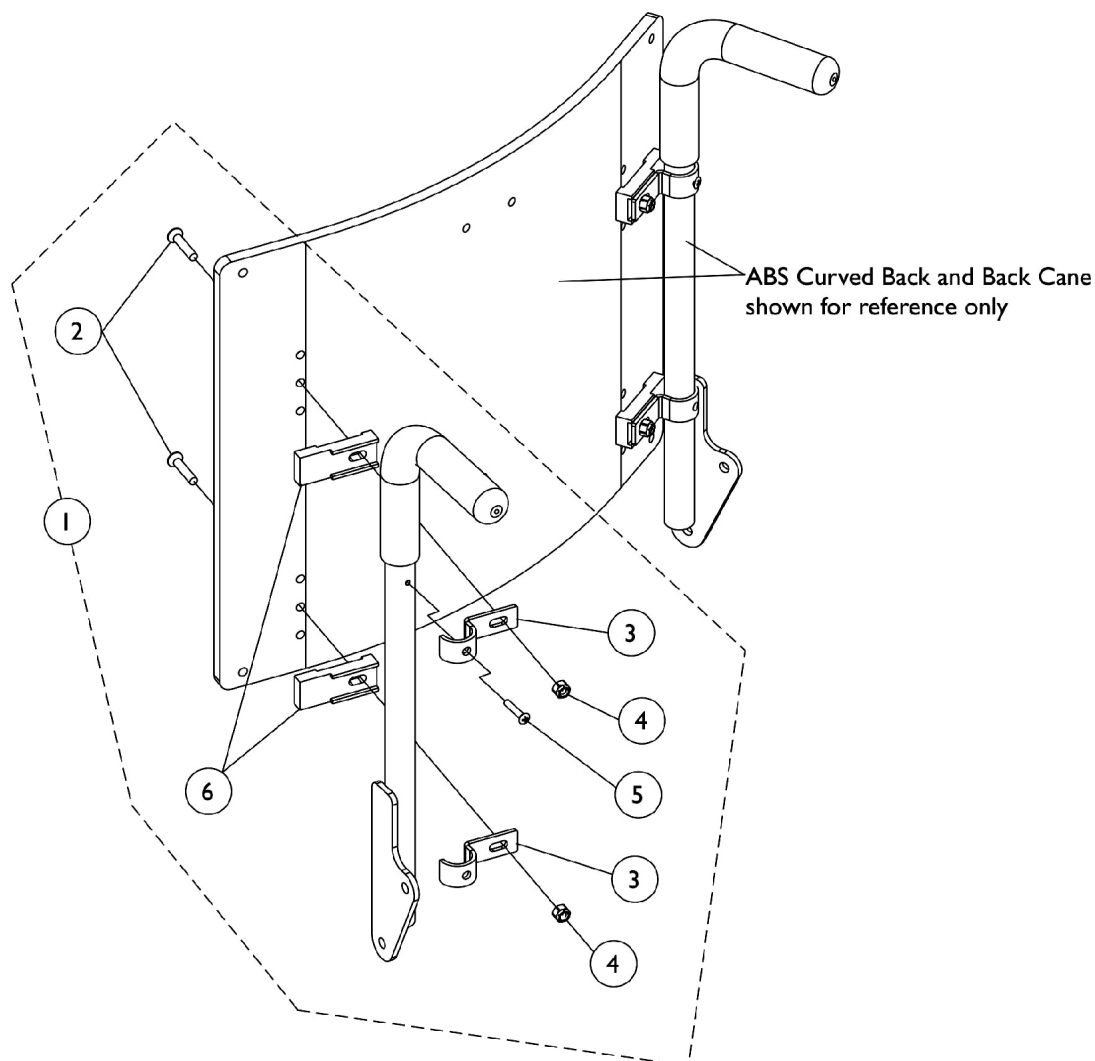
## Contoura (CGR/CGTR/CGTRE)



## Back Mounting Hardware Contoura (CGR/CGTR/CGTRE)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1125754	Kit, Back Mounting Hardware For Contoura Recline and Tilt/Recline	1	1
2			T-Nut (1/4-20)	1	4
3			NLA - Bracket, Back Mounting, Black	1	2
4			Washer (1/4 x 1/2 x 1/16")	1	4
5			Screw, Hex Head w/ Patch (1/4-20 x 1/2")	1	4
6			Locknut (1/4-20)	1	6
7			Washer (1/4 x 23/32 x 1/16")	1	6
8			Screw, Socket Button (1/4-20 x 3/4")	1	6
NOTE: A - Includes items 2-8					

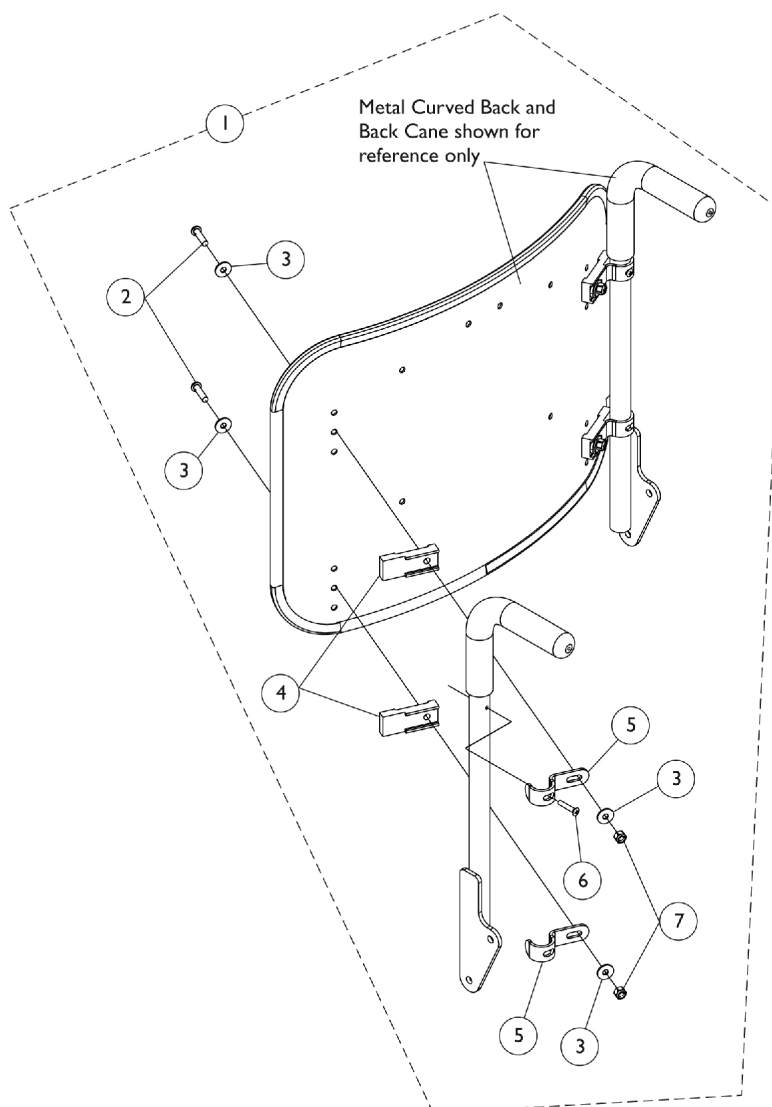
# ABS Curved (16"-24" Wide) Back Mounting Hardware



Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1106395-NLA	NLA - Kit, ABS Curved Back Mounting Hardware	1	1
2			NLA - Screw, Socket Flat Head (1/4-20 x 1-1/4")	1	4
3			Hook, Back Assembly Mounting	1	4
4			Locknut (1/4-20)	1	4
5			NLA - Screw, Phillips Oval Head (#10-16 x 7/8")	1	2
6			NLA - Spacer, Back Pan, Black	1	4

NOTE: A - Includes items 2-6

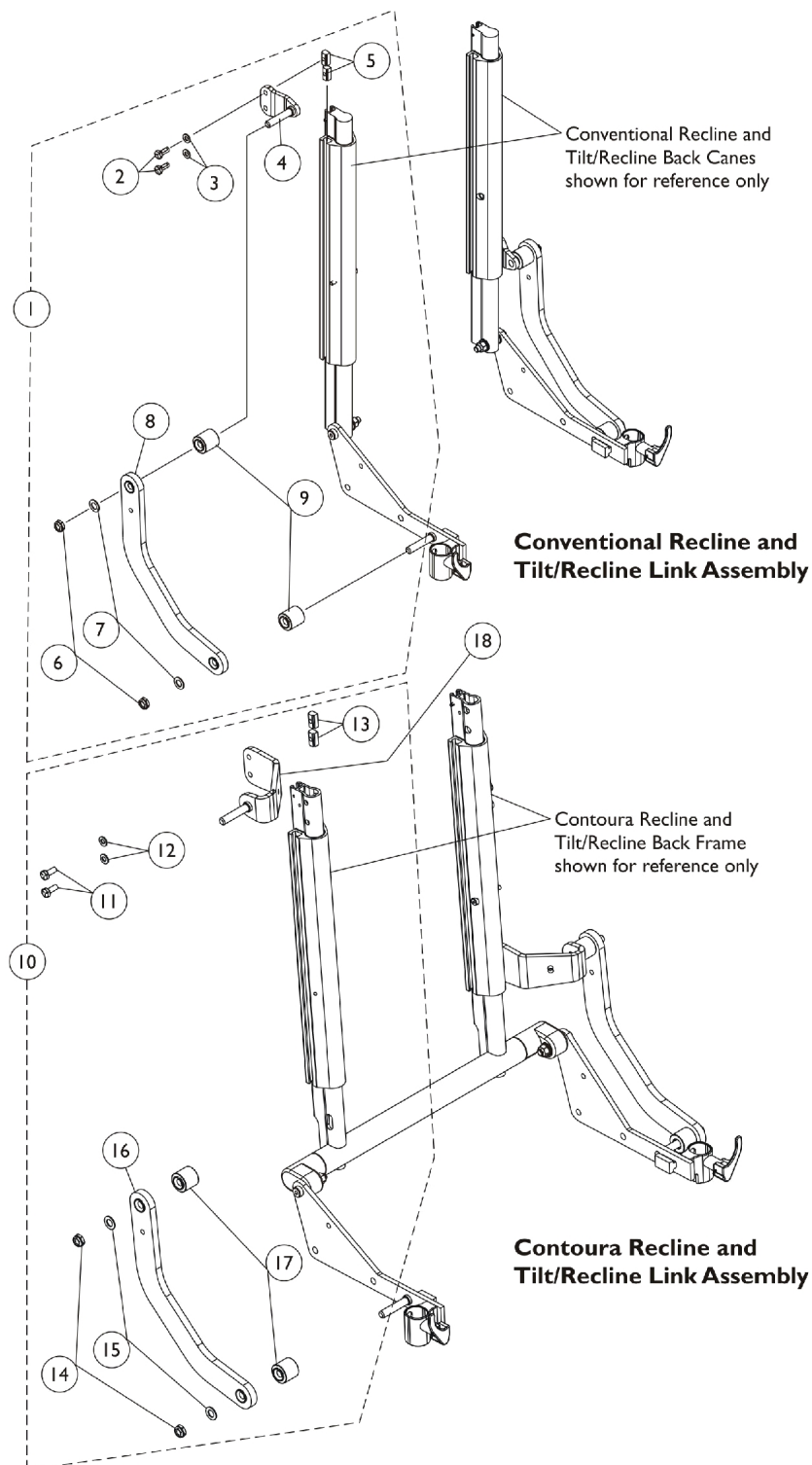
# Metal Curved (16-24" Wide) Back Mounting Hardware



Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1157925	Kit, Metal Curved and Curve Contoura Back Mounting Hardware	1	1
2			NLA - Screw, Cap, Button Head, Socket (1/4-20 x 1")	1	4
3			Washer (1/4 x 23/32 x 1/16")	1	8
4			Spacer, Back Pan, Black	1	4
5			Hook, Back Assembly Mounting	1	4
6			NLA - Screw, Phillips Oval Head (#10-16 x 7/8")	1	2
7			Locknut (1/4-20)	1	4

NOTE: A - Includes items 2-7

# Back Recline Shear Link Assemblies



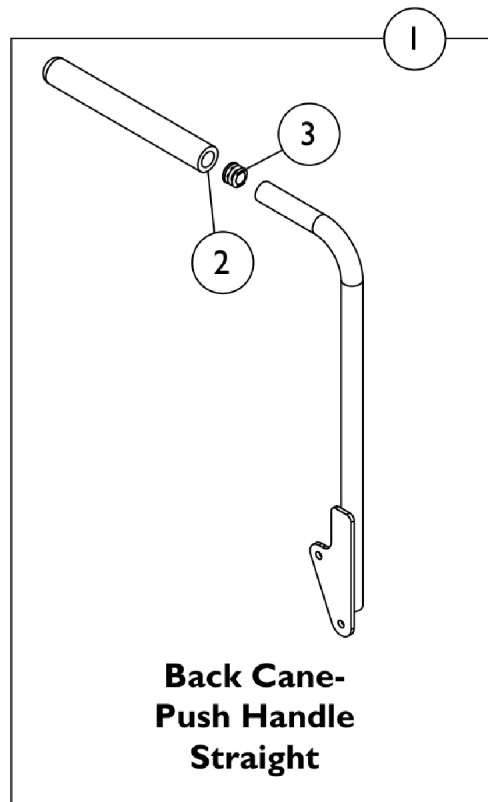
## Back Recline Shear Link Assemblies

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1125758	Kit, Recline Shear Link Assembly Conventional (Pair)	1	1
2			Screw, Hex Head w/ Patch (1/4-20 x 5/8")	1	4
3			Washer (1/4 x 1/2 x 1/16")	1	4
4			Plate, Shear Adapter	1	2
5			T-Nut (1/4-20)	1	4
6			Locknut, Low Profile (3/8-16)	1	4
7			Washer, Flat (3/8 x 11/16 x 1/16")	1	4
8			Link, Recline Shear, Black - Right	1	1
8			Link, Recline Shear, Black - Left	1	1
9	B	1168997	Stand-Off, Recline Shear Link	1	4
10			Kit, Recline Shear Link Assembly, Contoura/Curve Contoura (Pair)	1	1
11			Screw, Hex Head w/ Patch (1/4-20 x 5/8")	1	4
12			Washer (1/4 x 1/2 x 1/16")	1	4
13			T-Nut (1/4-20)	1	4
14			Locknut, Low Profile (3/8-16)	1	4
15			Washer, Flat (3/8 x 11/16 x 1/16")	1	4
16			Link, Recline Shear, Black - Right	1	1
16			Link, Recline Shear, Black - Left	1	1
17	C	1131413-NLA	Stand-Off, Recline Shear Link	1	4
18			NLA - Adapter, Recline Shear Contoura (16" W)	1	2
18			NLA - Adapter, Recline Shear Contoura (18" W)	1	2
18			Adapter, Recline Shear Contoura (20" W)	1	2
18			NLA - Adapter, Recline Shear Contoura (22" W)	1	2
18			NLA - Adapter, Recline Shear Contoura (24" W)	1	2
18			Adapter, Recline Shear, Curve Contoura (16" W)	1	2
18			Adapter, Recline Shear, Curve Contoura (18" W)	1	2
18			Adapter, Recline Shear, Curve Contoura (20" W)	1	2
18	D	1161959	Adapter, Recline Shear, Curve Contoura (22" W)	1	2
18			Adapter, Recline Shear, Curve Contoura (24" W)	1	2

NOTE: A - Includes items 2-9. The Recline Shear Link and Recline Shear Link Stand-Off were revised as of 6/28/10. The Shear Link is now made of thicker material and the Stand-Off is thinner. The kit is backward compatible to all chairs in the field.  
B - Includes items 11-17. The Recline Shear Link and Recline Shear Link Stand-Off were revised as of 6/28/10. The Shear Link is now made of thicker material and the Stand-Off is thinner. The kit is backward compatible to all chairs in the field.  
C - Not used on Curve Contoura. For use on Contoura only  
D - Not used on Contoura. For use on Curve Contoura only

# Back Canes

(Conventional CGT 12"-15" Wide) & (12"-15" Wide w/ BPO Option)



Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		See Chart	#1 Back Cane Assemblies	1	1
2		1135506	Package, Foam Hand Grip (9" L)	10	1
3		1134426	Package, Plug Button, Black (3/4")	10	1

## #1 Back Cane Assemblies

Back Height	Back Cane-Push Handle Straight Right	Back Cane-Push Handle Straight Left
16"	1133793	1133794
17"	1133795	1133796
18"	1143334 See Note(s) A	1143335 See Note(s) A
19"	1133799	1133800
20"	1133801 See Note(s) B	1133802 See Note(s) B

## **Back Canes**

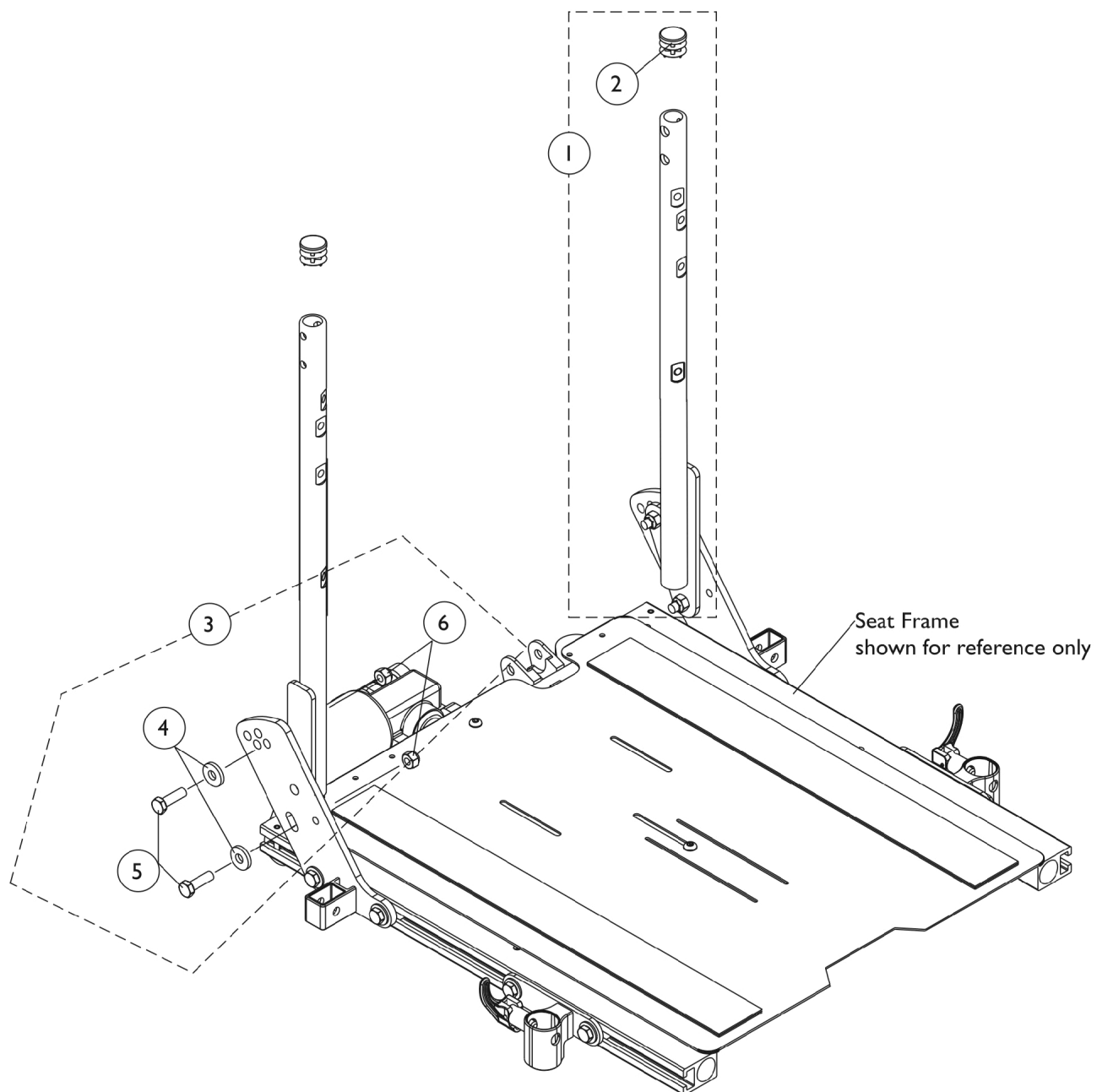
### **(Conventional CGT 12"-15" Wide) & (12"-15" Wide w/ BPO Option)**

NOTE: A - Wheelchairs manufactured before 5/15/09 with a Contoura Back 25" or 29" high and wheelchairs manufactured after 5/14/09 with a Curve Contoura Back 22" high will use the 18" high Straight Back Cane w/ Push Handle.  
B - Wheelchairs manufactured after 5/14/09 with a Curve Contoura Back 25" or 28" high will use the 20" high Straight Cane w/ Push Handle.

NOTE: Back Cane Assemblies include Foam Grips and Plug Buttons where shown

# Solid Straight Back Canes w/o Push Handles and Mounting Hardware

Conventional (CGT 16"-24" Wide) (CGTE 16"-22" Wide)



# Solid Straight Back Canes w/o Push Handles and Mounting Hardware

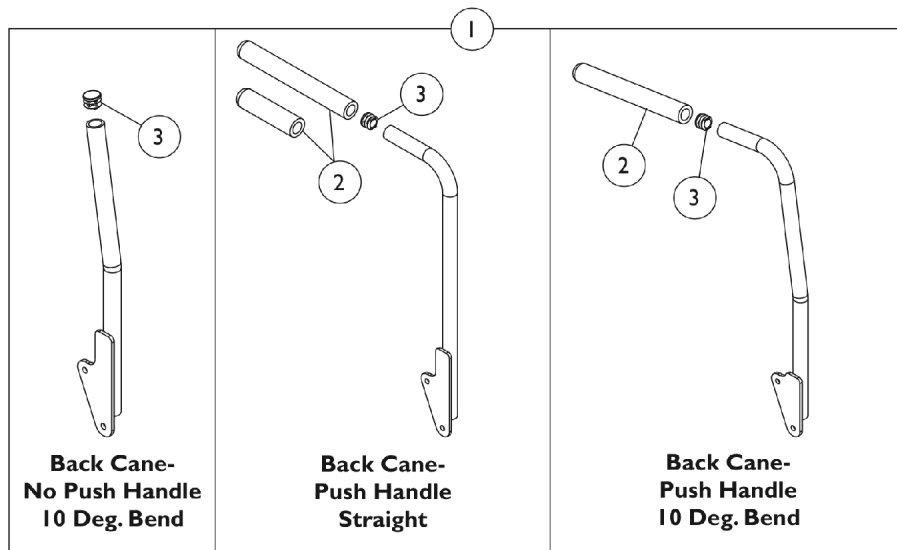
## Conventional (CGT 16"-24" Wide) (CGTE 16"-22" Wide)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1128394-NLA	NLA - Kit, Back Cane w/o Push Handle, Solid Straight w/ Plug Button - Right	1	1
1	A	1128395-NLA	NLA - Kit, Back Cane w/o Push Handle, Solid Straight w/ Plug Button - Left	1	1
1	A	1128396-NLA	NLA - Kit, Back Canes w/o Push Handle, Solid Straight w/ Plug Button (Pair)	1	1
2		1027097	Plug Button, Black (3/4")	1	1
3	B	1125733	Kit, Solid Straight Back Cane w/o Push Handle, Mounting Hardware	1	1
4			Washer, Flat (21/64 x 53/64 x 7/64")	1	2
5			Screw, Hex Head (5/16-18 x 1")	1	2
6			Locknut (5/16-18)	1	2
4		1079247	Washer, Flat (21/64 x 53/64 x 7/64")	1	2
5		1028478-NLA	NLA - Screw, Hex Head (5/16-18 x 1-1/4")	1	2
6		1026158	Locknut (5/16-18)	1	2
NOTE: A - Back height from the seat pan to the top of the back cane will measure approximately 20-1/2" high. B - Includes items 4-6					

## Back Canes

### ABS & Metal Curved/Contoura (CGT/CGTE), (CGT/CGTE) w/ BPO Option, (CGE) w/ Sling Back Uph.

**NOTE:** When Contoura Backs, ABS & Metal Curved Backs or Tilt w/ BPO Option is ordered, only the Straight Back Cane w/ Push Handle is used.



Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		See Chart	#1 Back Cane Assemblies	1	1
2		1135506	Package, Foam Hand Grip (9" L)	10	1
2	A	1086460	Grip, Foam, Hand (4-1/2" L)	1	1
3		1134426	Package, Plug Button, Black (3/4")	10	1
NOTE: A - Part number 1086460 is used when a vent tray is ordered on a tilt only system. This allows the double spreader bar to be attached to the 20, 21, 22" back canes. 23 and 24" high back canes do not require the shorter foam grip					

# Back Canes

## ABS & Metal Curved/Contoura (CGT/CGTE), (CGT/CGTE) w/ BPO Option, (CGE) w/ Sling Back Uph.

**NOTE: When Contoura Backs, ABS & Metal Curved Backs or Tilt w/ BPO Option is ordered, only the Straight Back Cane w/ Push Handle is used.**

### #1 Back Cane Assemblies

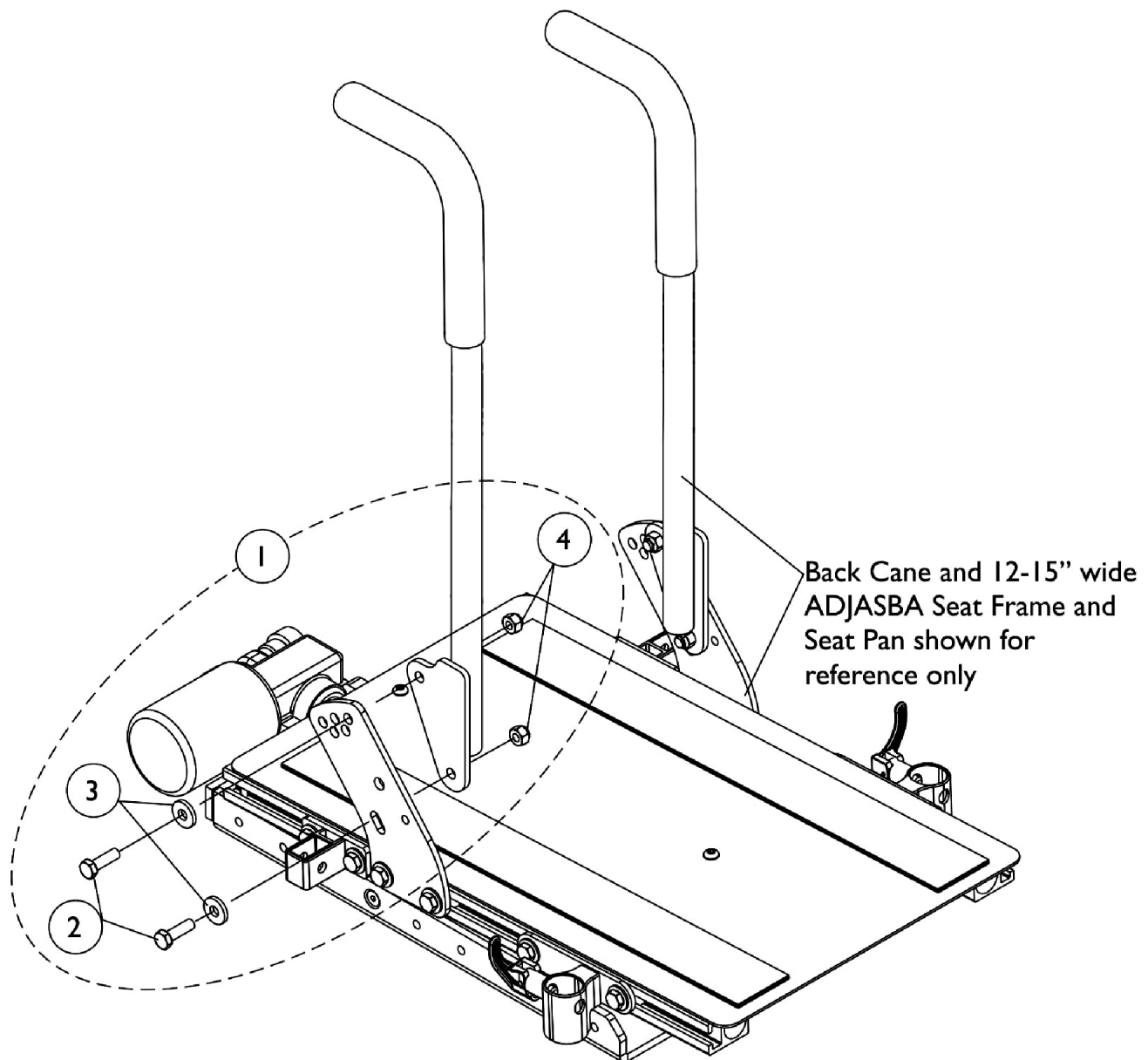
Back Height	Back Cane- No Push Handle 10 Deg. Bend Right	Back Cane- No Push Handle 10 Deg. Bend Left	Back Cane- Push Handle Straight Right	Back Cane- Push Handle Straight Left	Back Cane- Push Handle 10 Deg. Bend Right	Back Cane- Push Handle 10 Deg. Bend Left
16"	1134066	1134067	1133793	1133794	1133822	1133823
17"	1134068	1134069	1133795	1133796	1133824	1133825
18"	1134070	1134071	1143334 See Note(s) B	1143335 See Note(s) B	1133826	1133827
19"	1134072	1134073	1133799	1133800	1133828	1133829
20"	1134074	1134075	1133801 See Note(s) C, E	1133802 See Note(s) C, E	1133830	1133831
20" For Vent	N/A	N/A	1148666-NLA See Note(s) D	1148667-NLA See Note(s) D	N/A	N/A
21"	1134076	1134077	1136011 See Note(s) A	1136012 See Note(s) A	1133832	1133833
21" For Vent	N/A	N/A	1148668-NLA See Note(s) D	1148669-NLA See Note(s) D	N/A	N/A
22"	1134078	1134079	1136013 See Note(s) A	1136014 See Note(s) A	1133834	1133835
22" For Vent	N/A	N/A	1148670-NLA See Note(s) D	1148671-NLA See Note(s) D	N/A	N/A
23"	1134080	1134081	1136015 See Note(s) A	1136016 See Note(s) A	1133837	1133838
24"	1134082	1134083	1136017 See Note(s) A	1136018 See Note(s) A	1133839	1133840
25"	N/A	N/A	1160328 See Note(s) A	1160329 See Note(s) A	N/A	N/A
26"	N/A	N/A	1160330 See Note(s) A	1160331 See Note(s) A	N/A	N/A

NOTE: A - 21"-26" high straight back canes with push handles are only offered On-Chair when a BPO Option is ordered  
 B - Wheelchairs manufactured Before 5/15/09 with a Contoura Back 25" or 29" high and wheelchairs manufactured After 5/14/09 with a Curve Contoura Back 22" high will use the 18" high Straight Back Cane w/ Push Handle.  
 C - All (20"-24" high ABS Curved Backs) or (20"-26" high Metal Curved Backs) ordered On-Chair will use the 20" high Straight Cane w/ Push Handle  
 D - This back cane with a short foam grip is used for Vent Tray Applications only. This allows the Double Spreader Bar to be attached. 23 and 24" high back canes do not require the shorter foam grip  
 E - Wheelchairs manufactured After 5/14/09 with a Curve Contoura Back 25" or 28" high will use the 20" high Straight Cane w/ Push Handle

NOTE: Back Cane Assemblies include Foam Grips and Plug Buttons where shown

# Back Cane Mounting Hardware For Round Canes

## Conventional Tilt (12"-15" Wide)

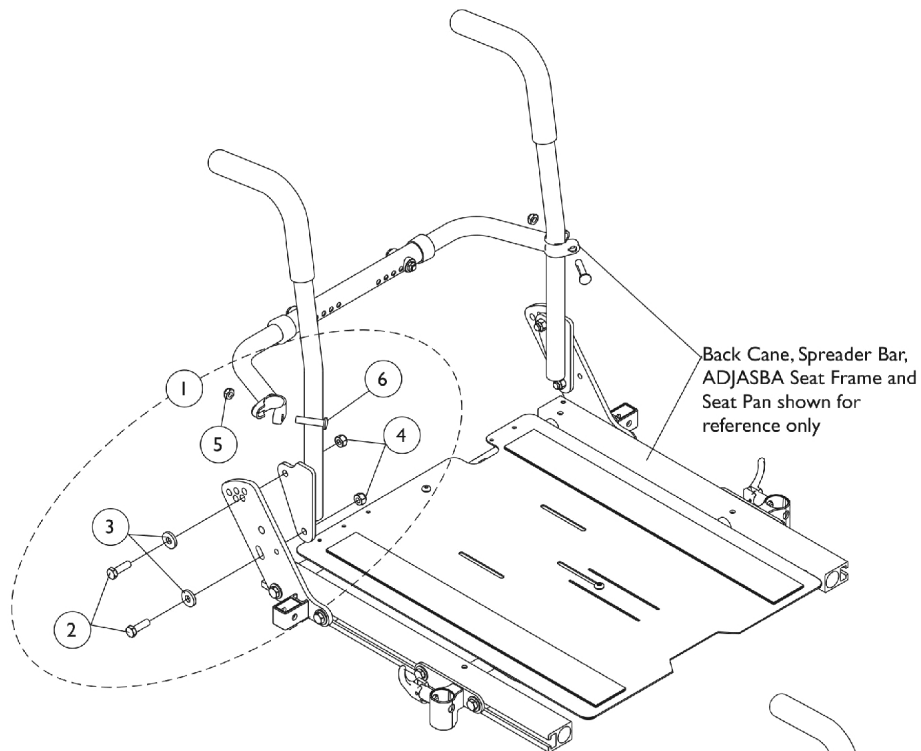


## Back Cane Mounting Hardware For Round Canes

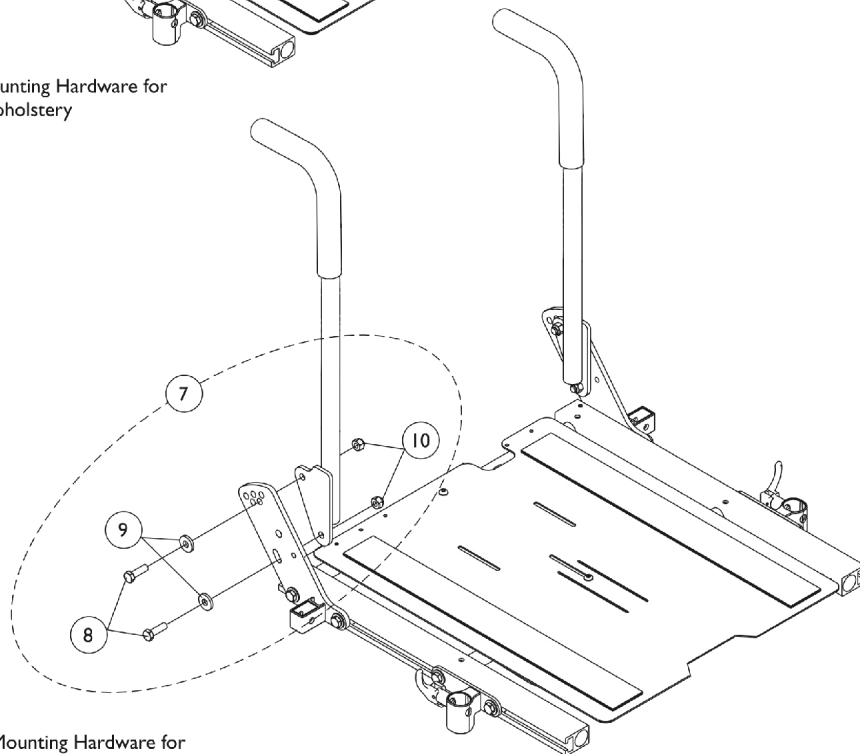
### Conventional Tilt (12"-15" Wide)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1135999	Kit, Back Cane Mounting Hardware (Pair)	1	1
2			Screw, Hex Head (5/16-18 x 1")	1	4
3			Washer, Flat (21/64 x 53/64 x 7/64")	1	4
4			Locknut (5/16-18)	1	4
NOTE: A - Includes items 2-4					

# Back Cane Mounting Hardware (16-24" Wide) For Round Canes



Back Cane Mounting Hardware for  
Nylon Back Upholstery



Back Cane Mounting Hardware for  
ABS Curved Back and Contoura Back

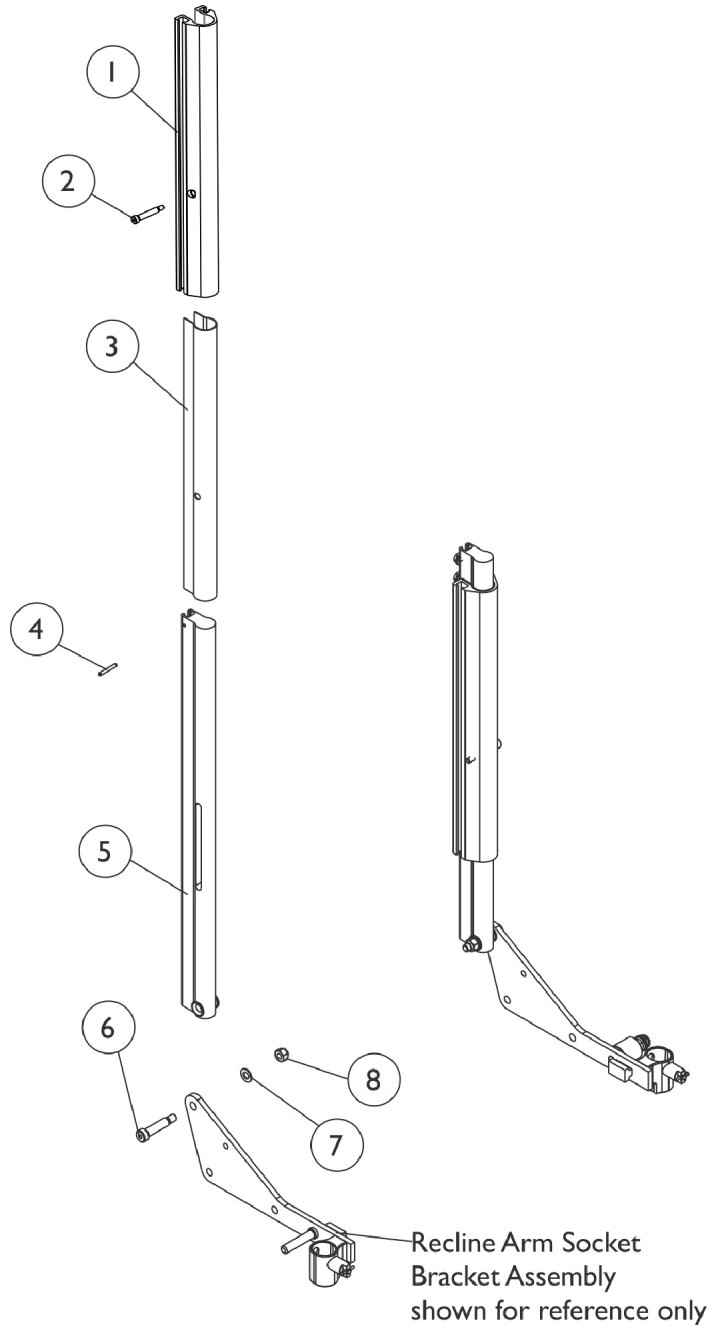
## Back Cane Mounting Hardware (16-24" Wide) For Round Canes

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1133755	Kit, Back Cane Mounting Hardware (Pair)	2	1
2			Screw, Hex Head (5/16-18 x 1")	1	4
3			Washer, Flat (21/64 x 53/64 x 7/64")	1	4
4			Locknut (5/16-18)	1	4
5			Locknut (5/16-24)	1	2
6			Screw w/ Lug (5/16-24 x 1-3/8")	1	2
7	B	1135999	Kit, Back Cane Mounting Hardware (Pair)	1	1
8			Screw, Hex Head (5/16-18 x 1")	1	4
9			Washer, Flat (21/64 x 53/64 x 7/64")	1	4
10			Locknut (5/16-18)	1	4
NOTE: A - Includes items 2-6. Used when Nylon Back Upholstery is ordered with Round Canes B - Includes items 2-6. Used for Contoura, ABS Curved and Metal Curved Back models					

## Back Canes, Slide Blocks and Sleeves

### For Conventional (CGR), (CGR) w/ BPO & (CGTR/CGTRE)

Extruded Back Cane material comes in one height only and measures approximately 20-1/2" and the overall back height from the seat pan to the top of the extruded cane measures approximately 22-1/2" high. Only the Back Assembly needs to be replaced when changing back heights.



### Conventional Recline and Tilt/Recline

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## Back Canes, Slide Blocks and Sleeves

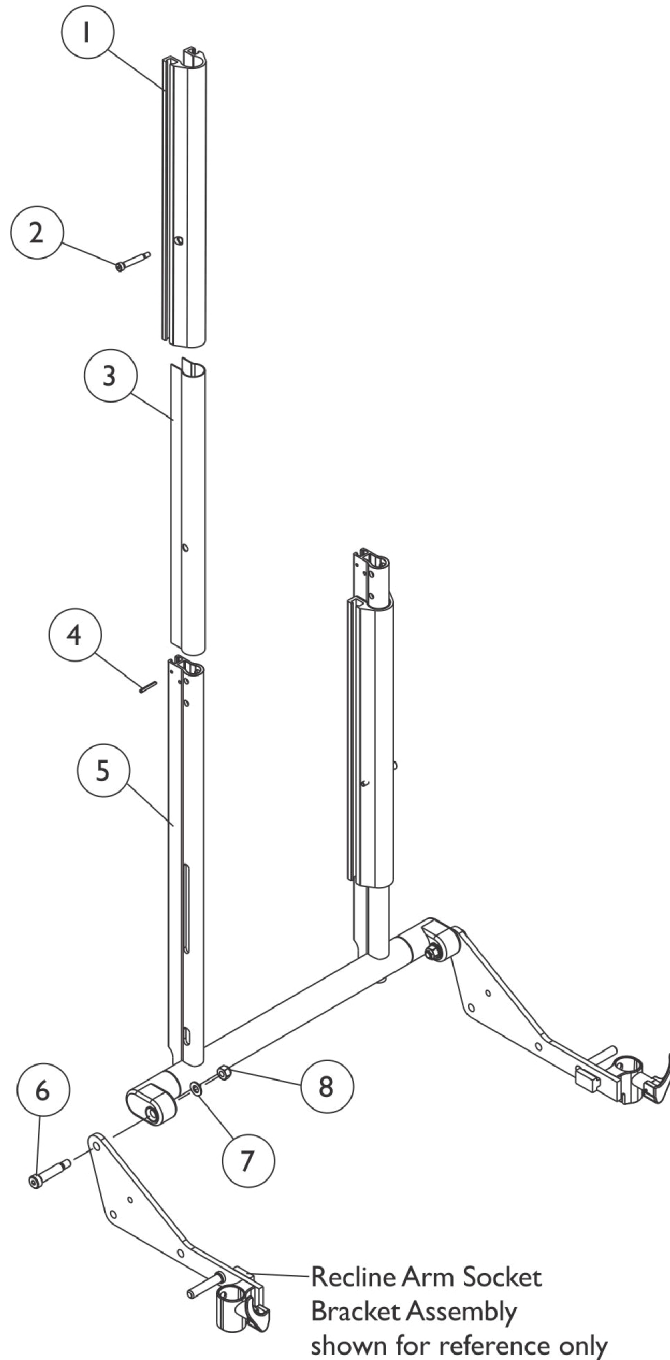
### For Conventional (CGR), (CGR) w/ BPO & (CGTR/CGTRE)

Extruded Back Cane material comes in one height only and measures approximately 20-1/2" and the overall back height from the seat pan to the top of the extruded cane measures approximately 22-1/2" high. Only the Back Assembly needs to be replaced when changing back heights.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1122263	Block, Slide Back - Left	1	1
1		1124693	Block, Slide Back - Right	1	1
2		1000212	Screw, Shoulder Hex Socket (1/4 x 1-1/4", #10-24)	1	2
3		1122464	Sleeve, Back Slide (15-1/4" L)	1	2
4		1119847	Pin, Roll (1/8 x 1")	1	2
5		1122560	Cane, Back, Extruded Conventional, Black - Right/Left	1	2
6		1062604	Screw, Shoulder Hex Socket (3/8 x 1-1/4", 5/16-18)	1	2
7		1025704	Washer, Flat (5/16 x 5/8 x 1/16")	1	2
8		1026158	Locknut (5/16-18)	1	2

## Back Frame, Slide Blocks and Sleeves Contoura (CGR), (CGR) w/ BPO & (CGTR/CGTRE)

Back Cane material height measures approximately 20-1/2" and the overall back height from the seat pan to the top of the extruded cane measures approximately 23" high. Only the Back Assembly needs to be replaced when changing back heights.



### Contoura Tilt, Recline and Tilt/Recline

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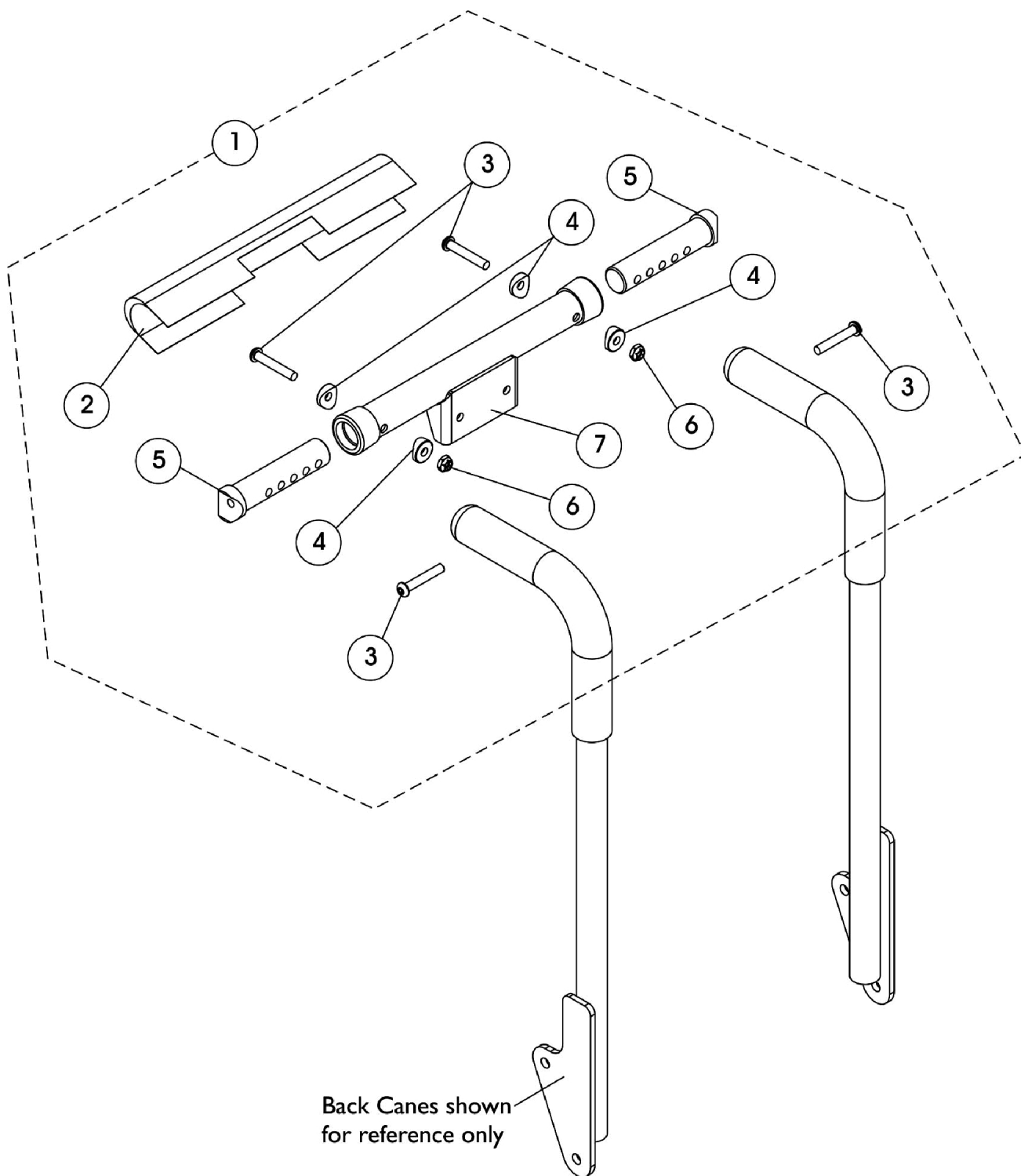
## Back Frame, Slide Blocks and Sleeves Contoura (CGR), (CGR) w/ BPO & (CGTR/CGTRE)

Back Cane material height measures approximately 20-1/2" and the overall back height from the seat pan to the top of the extruded cane measures approximately 23" high. Only the Back Assembly needs to be replaced when changing back heights.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1122263	Block, Slide Back - Left	1	1
1		1124693	Block, Slide Back - Right	1	1
2		1000212	Screw, Shoulder Hex Socket (1/4 x 1-1/4", #10-24)	1	2
3		1122464	Sleeve, Back Slide (15-1/4" L)	1	2
4		1119847	Pin, Roll (1/8 x 1")	1	2
5		1131422	Frame, Back, Contoura, Black (16" W)	1	1
5		1122459	Frame, Back, Contoura, Black (18" W)	1	1
5		1122463	Frame, Back, Contoura, Black (20" W)	1	1
5		1131423	Frame, Back, Contoura, Black (22" W)	1	1
5		1131424	Frame, Back, Contoura, Black (24" W)	1	1
6		1062604	Screw, Shoulder Hex Socket (3/8 x 1-1/4", 5/16-18)	1	2
7		1025704	Washer, Flat (5/16 x 5/8 x 1/16")	1	2
8		1026158	Locknut (5/16-18)	1	2

# Spreader Bar Assembly

Conventional (CGT) CGT w/ Headrest Option (12" - 16" W)

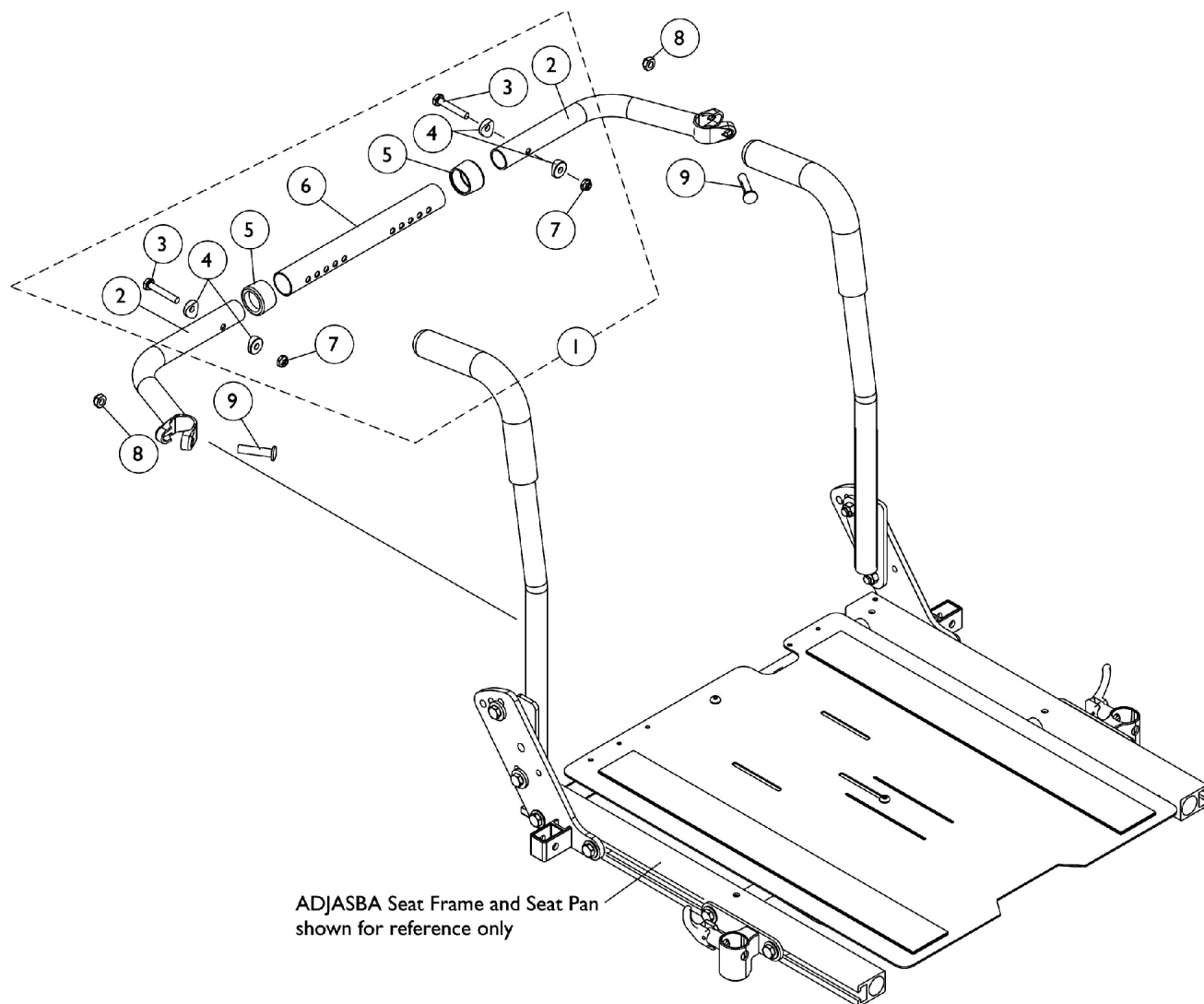


## Spreader Bar Assembly

### Conventional (CGT) CGT w/ Headrest Option (12" - 16" W)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1148152	Kit, Spreader Bar Assembly, 12-16" W Conventional Back & BPO Option	1	1
2			Cover, Spreader Bar w/ Headrest Bracket	1	1
3			Screw, Socket Button Head (1/4-20 x 1-1/2")	1	4
4			Spacer, Coved (1/4 x 11/16 x 1/2")	1	4
5			NLA - Insert, Spreader Bar Connector, Black	1	2
6			Locknut (1/4-20)	1	2
7			NLA - Tube, Spreader Bar w/ Headrest Bracket, Black	1	1
NOTE: A - Includes items 2-7					

# Spreader Bar Assembly (CGE) w/ Sling Back Upholstery (16"-22" Wide)



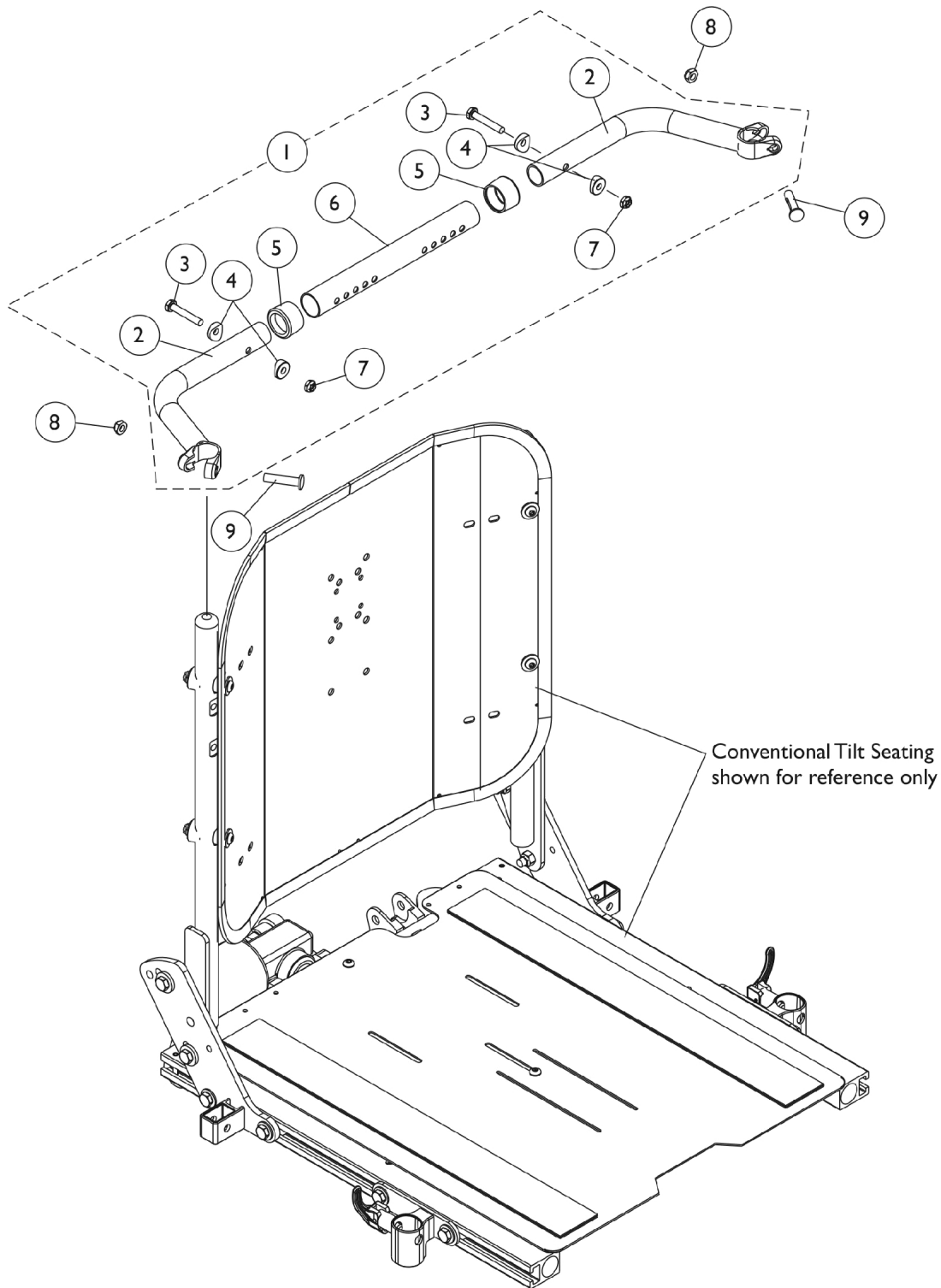
## Spreader Bar Assembly (CGE) w/ Sling Back Upholstery (16"-22" Wide)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1125709	Kit, Spreader Bar Assembly (16"-20" Wide)	1	1
2			NLA - Handle, Spreader Bar, Black	1	2
3			Screw, Hex Head (1/4-20 x 1-1/2")	1	2
4			Spacer, Coved (1/4 x 11/16 x 1/2")	1	4
5			Anti-Rattle (1")	1	2
6			Tube, Spreader Bar, Adjustable, Black (16 - 20" W)	1	1
7			Locknut (1/4-20)	1	2
1	A	1125710	Kit, Spreader Bar Assembly 20"-24" Wide	1	1
2			NLA - Handle, Spreader Bar, Black	1	2
3			Screw, Hex Head (1/4-20 x 1-1/2")	1	2
4			Spacer, Coved (1/4 x 11/16 x 1/2")	1	4
5			Anti-Rattle (1")	1	2
6			Tube, Spreader Bar, Adjustable, Black (20 - 24" W)	1	1
7			Locknut (1/4-20)	1	2
8		1025730	Locknut (5/16-24)	1	2
9		1031026	Screw w/ Lug (5/16-24 x 1-3/8")	1	2

NOTE: A - Includes items 2-7

# Spreader Bar Assembly

## Conventional (CGT/CGTE) without Vent (16"-24" Wide)



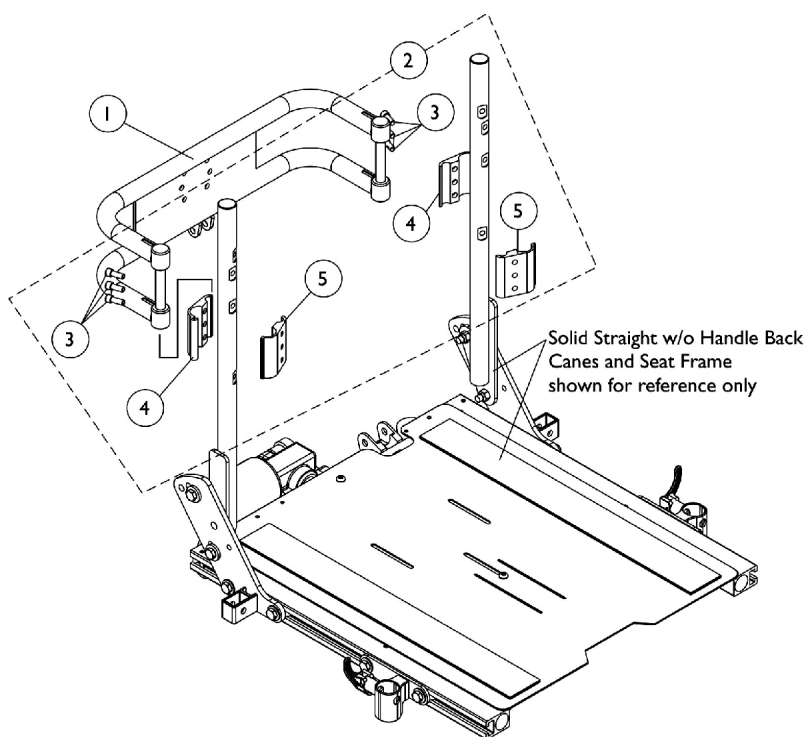
## Spreader Bar Assembly

### Conventional (CGT/CGTE) without Vent (16"-24" Wide)

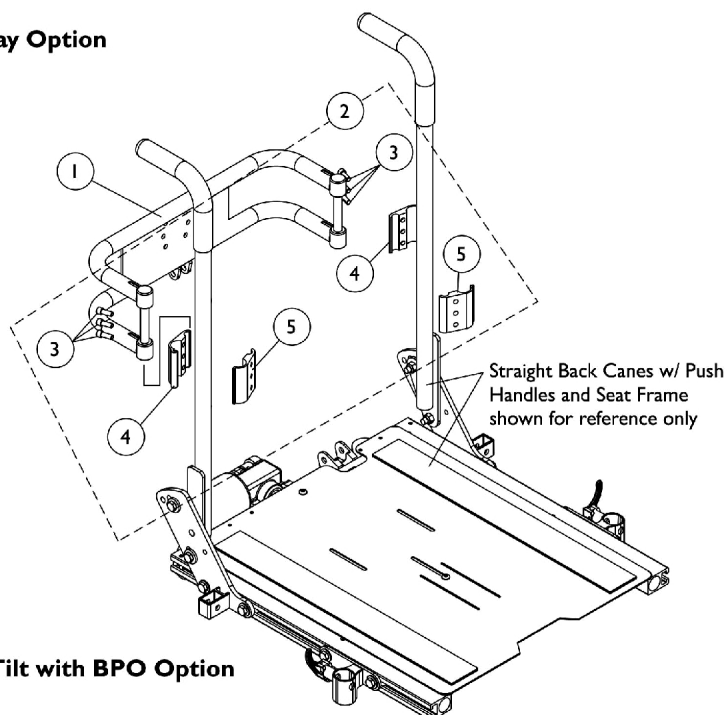
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1125709	Kit, Spreader Bar Assembly (16"-20" Wide)	1	1
2			NLA - Handle, Spreader Bar, Black	1	2
3			Screw, Hex Head (1/4-20 x 1-1/2")	1	2
4			Spacer, Coved (1/4 x 11/16 x 1/2")	1	4
5			Anti-Rattle (1")	1	2
6			Tube, Spreader Bar, Adjustable, Black (16 - 20" W)	1	1
7			Locknut (1/4-20)	1	2
1	A	1125710	Kit, Spreader Bar Assembly 20"-24" Wide	1	1
2			NLA - Handle, Spreader Bar, Black	1	2
3			Screw, Hex Head (1/4-20 x 1-1/2")	1	2
4			Spacer, Coved (1/4 x 11/16 x 1/2")	1	4
5			Anti-Rattle (1")	1	2
6			Tube, Spreader Bar, Adjustable, Black (20 - 24" W)	1	1
7			Locknut (1/4-20)	1	2
8		1025730	Locknut (5/16-24)	1	2
9		1031026	Screw w/ Lug (5/16-24 x 1-3/8")	1	2
NOTE: A - Includes items 2-7					

# Spreader Bar Assembly, Double

For Conventional (CGT) w/ Vent & (CGT/CGTE) w/ BPO Option (14"-24" Wide)



**Conventional Tilt with Vent Tray Option**



**Tilt with BPO Option**

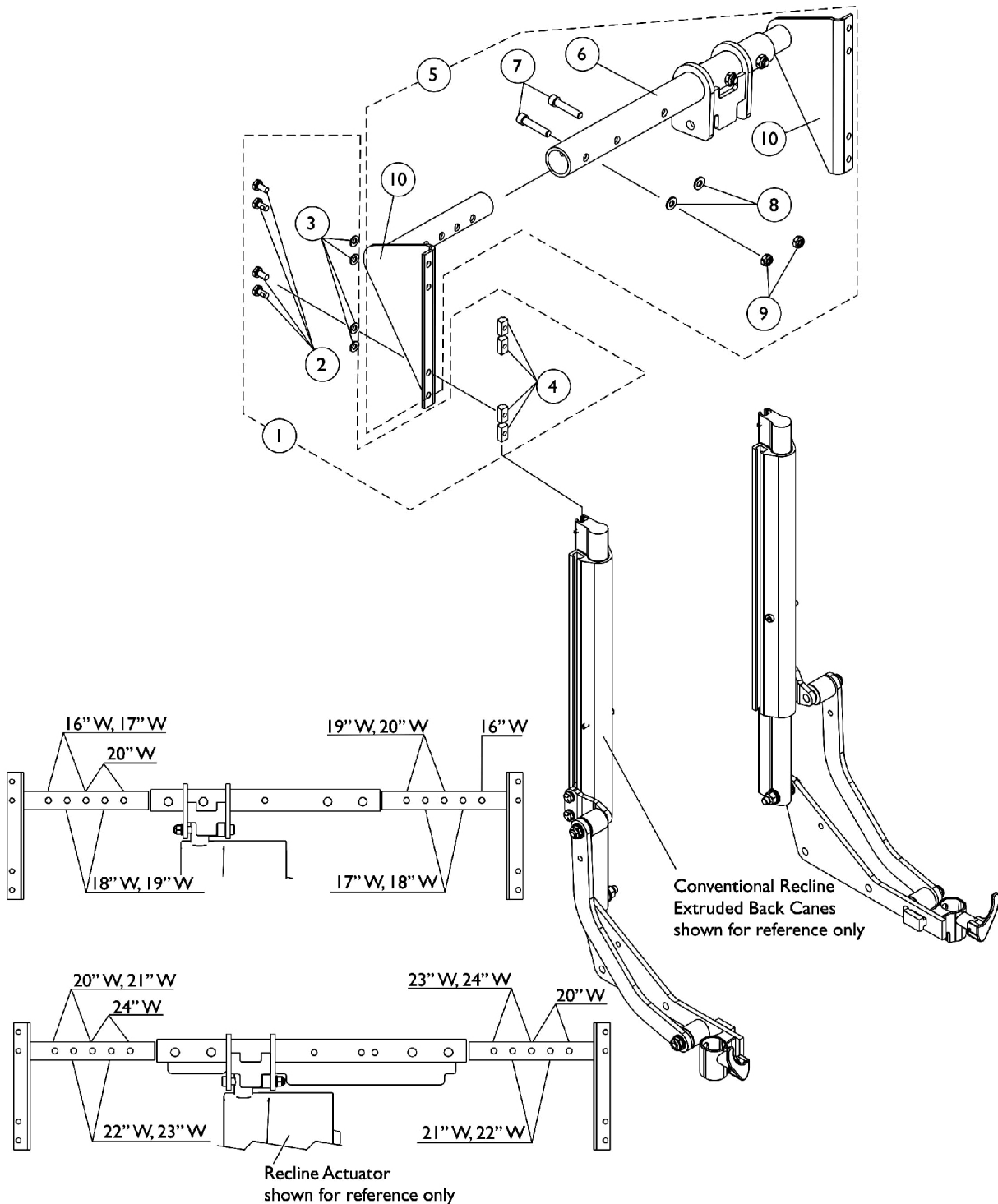
# Spreader Bar Assembly, Double

## For Conventional (CGT) w/ Vent & (CGT/CGTE) w/ BPO Option (14"-24" Wide)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		0013402	Bar, Push, Black (14" W)	1	1
1		0013502	Bar, Push, Black (15" W)	1	1
1		0013602	Bar, Push, Black (16" W)	1	1
1		0013702	Bar, Push, Black (17" W)	1	1
1		0013802	Bar, Push, Black (18" W)	1	1
1		0013902	Bar, Push, Black (19" W)	1	1
1		0014002	Bar, Push, Black (20" W)	1	1
1		0014102	Bar, Push, Black (21" W)	1	1
1		0014202	Bar, Push, Black (22" W)	1	1
1		0284202-NLA	NLA - Bar, Push, Black (23" W)	1	1
1		0284302-NLA	NLA - Bar, Push, Black (24" W)	1	1
2		1125761	Kit, Double Spreader Bar Mounting Hardware	1	1
3			Screw, Socket Head (1/4-20 x 5/8")	1	6
4			Half Clamp, Threaded Holes (7/8" Dia. Back Canes)	1	2
5			Half Clamp, Un-Threaded Holes (7/8" Dia. Back Canes)	1	2

# Spreader Bar Assembly

## Conventional (CGR/CGTR/CGTRE) (16"-24" Wide)



### Spreader Bar Mounting Hole Locations

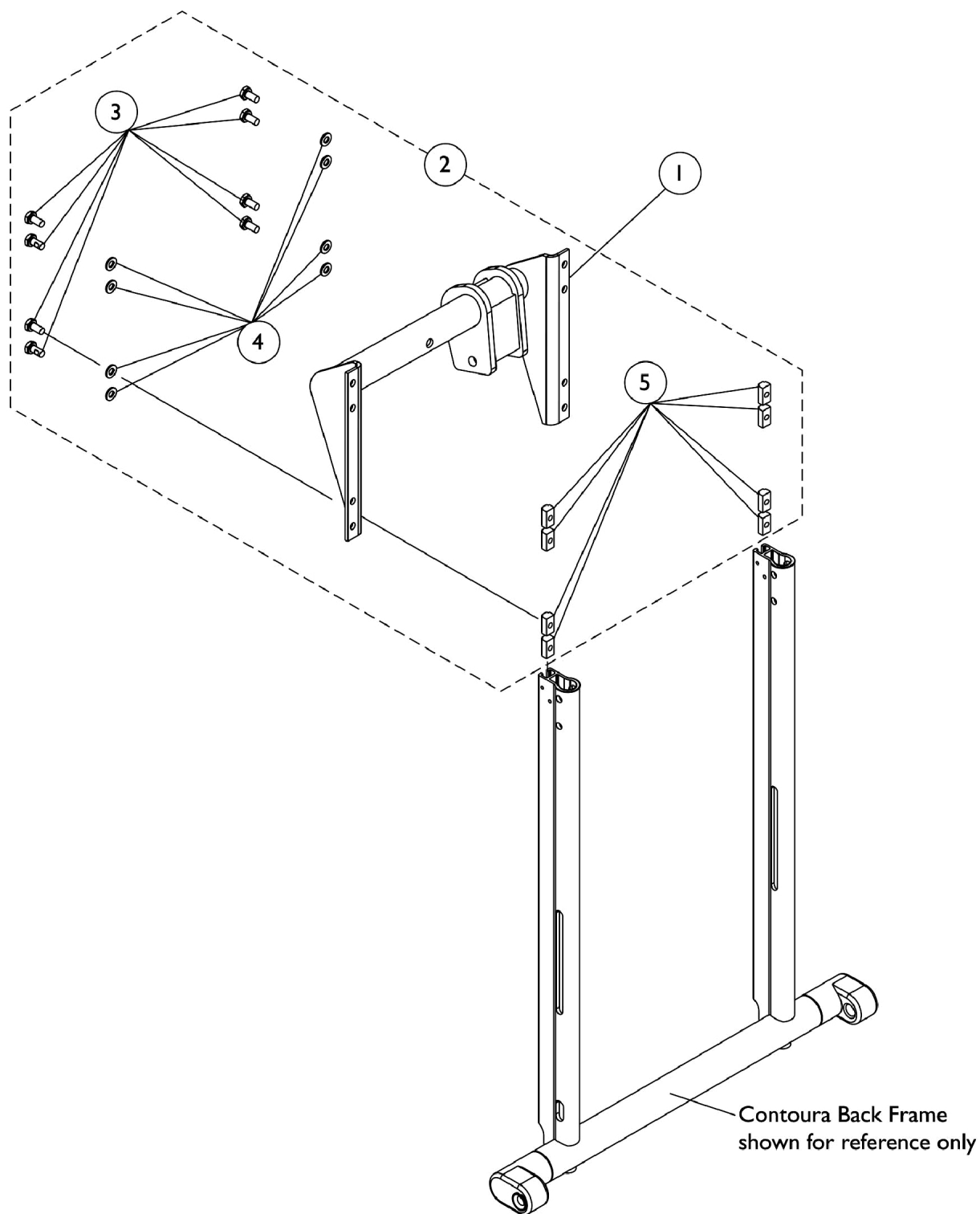
## Spreader Bar Assembly

### Conventional (CGR/CGTR/CGTRE) (16"-24" Wide)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1125765	Kit, Spreader Bar Mounting Hardware For Extruded Back Canes	1	1
2			Screw, Hex Head w/ Patch (1/4-20 x 1/2")	1	8
3			Washer (1/4 x 1/2 x 1/16")	1	8
4			T-Nut (1/4-20)	1	8
5	B	1144583	Kit, Spreader Bar Assembly For CG Conv. Recline & T/R 16-20" Wide	1	1
6			Center Spreader Bar Assembly (16 - 20" W)	1	1
7			Screw, Socket Head (5/16-18 x 1-1/2")	1	4
8			Washer, Flat (5/16 x 5/8 x 1/16")	1	4
9			Locknut (5/16-18)	1	4
10			NLA - Bracket, Straight Outer Spreader Bar - Right For 16"-20" Wide	1	1
10			NLA - Bracket, Straight Outer Spreader Bar, Black - Left (16-20" W)	1	1
5	B	1144584	Kit, Spreader Bar Assembly For CG Conv. Recline & T/R 20-24" Wide	1	1
6			Center Spreader Bar Assembly (20 - 24" W)	1	1
7			Screw, Socket Head (5/16-18 x 1-1/2")	1	4
8			Washer, Flat (5/16 x 5/8 x 1/16")	1	4
9			Locknut (5/16-18)	1	4
10			NLA - Bracket, Straight Outer Spreader Bar, Black - Right (20-24" W)	1	1
10			NLA - Bracket, Straight Outer Spreader Bar, Black - Left (20-24" W)	1	1
NOTE: A - Includes items 2-4 B - Includes items 6-10					

# Spreader Bar Assembly

Contoura (CGR) and (CGTR/CGTRE) (16"-24" Wide)

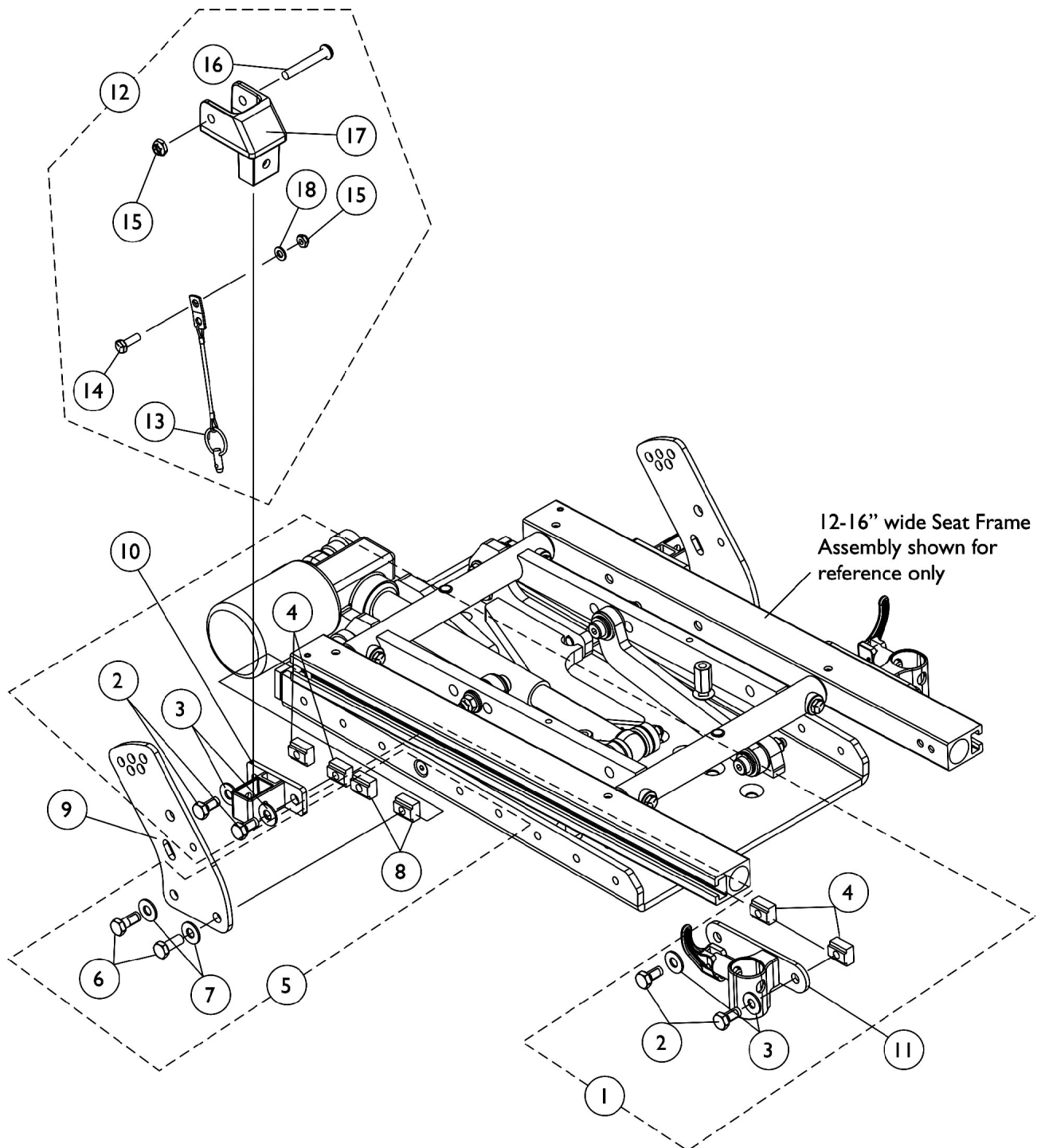


## Spreader Bar Assembly

### Contoura (CGR) and (CGTR/CGTRE) (16"-24" Wide)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1142957	Spreader Bar Assembly, Contoura Recline and Tilt/ Recline	1	1
2		1125765	Kit, Spreader Bar Mounting Hardware For Extruded Back Canes	1	1
3			Screw, Hex Head w/ Patch (1/4-20 x 1/2")	1	8
4			Washer (1/4 x 1/2 x 1/16")	1	8
5			T-Nut (1/4-20)	1	8
NOTE: A - Includes items 3-5					

# Front/Rear Arm Socket Assembly and Mounting Hardware Conventional (CGT) (12-16" W x 12-15" D)

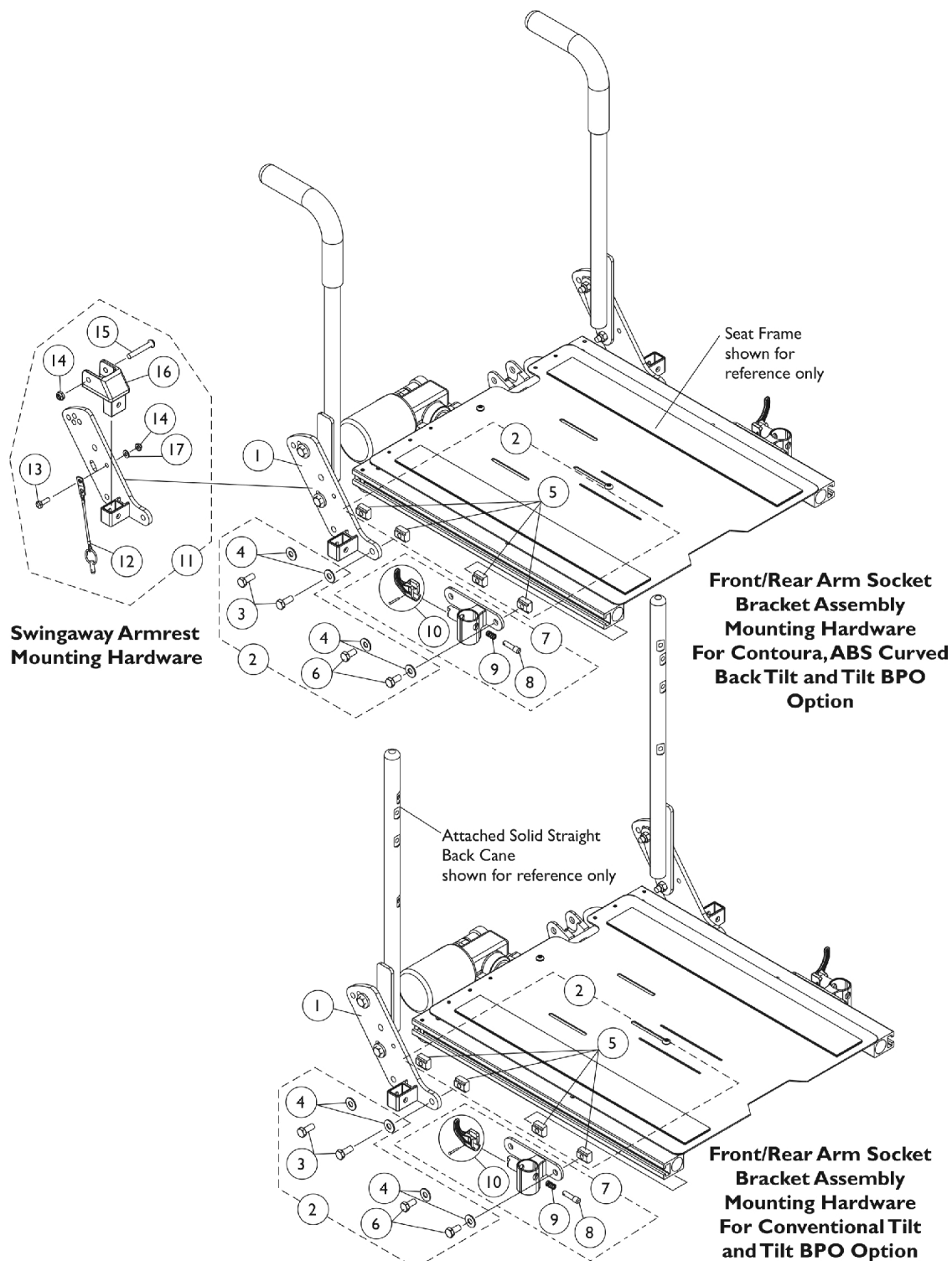


## Front/Rear Arm Socket Assembly and Mounting Hardware Conventional (CGT) (12-16" W x 12-15" D)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1144596	Kit, Front/Rear Arm Socket Asbly. Mtg. Hdwr. (12-16" Wide)	1	1
2			Screw, Hex Head w/ Patch (5/16-18 x 5/8")	1	4
3			Washer, Steel (5/16 x 3/4 x 1/16")	1	4
4			T-Nut (5/16-18)	1	4
5	B	1144597	Kit, Back Cane Bracket Mtg. Hdwr. 12-16" Wide	1	1
6			Screw, Hex Head w/ Patch (5/16-18 x 3/4")	1	2
7			Washer, Steel (5/16 x 3/4 x 1/16")	1	2
8			T-Nut (5/16-18)	1	2
9		1146452-NLA	NLA - Bracket, Back Cane Mounting, Black	1	2
10		1126142	Socket, Arm, Rear	1	2
11		1122619	Socket, Arm, Front - Right	1	1
11		1122620	Socket, Arm, Front - Left	1	1
12	C	1125736	Kit, Swingaway Armrest Mounting Hardware	1	1
13			Pin, Pull	1	1
14			Screw, Hex Head w/ Patch (1/4-20 x 3/4")	1	1
15			Locknut (1/4-20)	1	2
16			Screw, Socket Button Head (1/4-20 x 1-5/8")	1	1
17			Clevis, Pivot	1	1
18			Washer (1/4 x 1/2 x 1/16")	1	1
NOTE: A - Includes items 2-4 B - Includes items 6-8 C - Includes items 13-18					

# Arm Mounting Hardware

**Conv. (CGT) (12-16" W x 16-18" D), Conv., Contoura, ABS & Metal Curved Back (CGT) (16-24" W) & (CGE/CGTE) (16-22" W)**



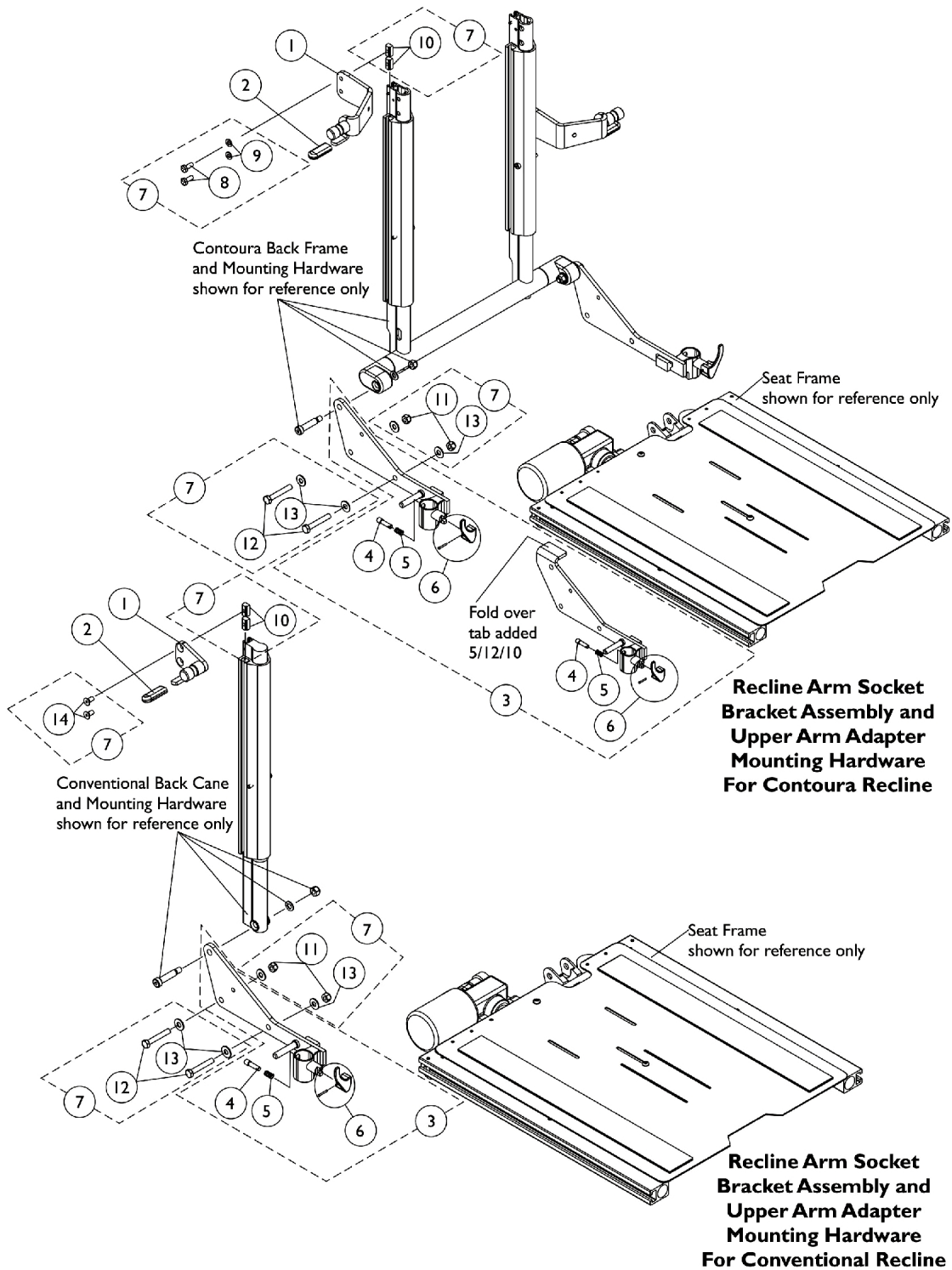
## Arm Mounting Hardware

**Conv. (CGT) (12-16" W x 16-18" D), Conv., Contoura, ABS & Metal Curved  
Back (CGT) (16-24" W) & (CGE/CGTE) (16-22" W)**

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1125478	Bracket, Arm Socket/Cane, Rear - Right	1	1
1		1125479	Bracket, Arm Socket/Cane, Rear - Left	1	1
2	A	1125734	Kit, Front/Rear Arm Socket Assembly Mounting Hardware	1	1
3			Screw, Hex Head w/ Patch (5/16-18 x 3/4")	1	2
4			Washer, Steel (5/16 x 3/4 x 1/16")	1	4
5			T-Nut (5/16-18)	1	4
6			Screw, Hex Head w/ Patch (5/16-18 x 5/8")	1	2
7	B	1122619	Socket, Arm, Front - Right	1	1
7	B	1122620	Socket, Arm, Front - Left	1	1
8		1028594	Pin, Arm Lock, Black	1	1
9		47471X074	Spring, Arm Lock	1	1
10		1090768	Kit, Lock Handle w/Rivets (Pair)	2	1
11	C	1125736	Kit, Swingaway Armrest Mounting Hardware	1	1
12			Pin, Pull	1	1
13			Screw, Hex Head w/ Patch (1/4-20 x 3/4")	1	1
14			Locknut (1/4-20)	1	2
15			Screw, Socket Button Head (1/4-20 x 1-5/8")	1	1
16			Clevis, Pivot	1	1
17			Washer (1/4 x 1/2 x 1/16")	1	1
NOTE: A - Includes items 3-6 B - Includes Front Arm Socket and items 8-10 C - Includes items 12-17					

# Arm Mounting Hardware

## Conventional and Contoura (CGR) & (CGTR/CGTRE) Seating (16"-24" Wide)



## Arm Mounting Hardware Conventional and Contoura (CGR) & (CGTR/CGTRE) Seating (16"-24" Wide)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		See Chart	#1 Adapter, Contoura Recline Upper Arm - Before 5/15/09	1	1
1		See Chart	#1 Adapter, Curve Contoura Recline Upper Arm - After 5/14/09	1	1
1		1122595	Adapter, Conventional Recline Upper Arm - Right	1	1
1		1125809	Adapter, Conventional Recline Upper Arm - Left	1	1
2		1006490	Tip, Plastic, Black	1	1
3	A,C	1124682	Recline Arm Socket Bracket Assembly, Black - Right	1	1
3	A,C	1124683	Recline Arm Socket Bracket Assembly, Black - Left	1	1
3	A,D	1168694	Recline Arm Socket Bracket Assembly, Black - Right	1	1
3	A,D	1168695	Recline Arm Socket Bracket Assembly, Black - Left	1	1
4		1028594	Pin, Arm Lock, Black	1	1
5		47471X074	Spring, Arm Lock	1	1
6		1090768	Kit, Lock Handle w/Rivets (Pair)	2	1
7	B	1144582	Kit, Upper Arm Adapter/Recline Arm Socket Bracket Assembly Mounting Hardware	1	1
8			Screw, Hex Head w/ Patch (1/4-20 x 5/8")	1	2
9			Washer (1/4 x 1/2 x 1/16")	1	2
10			T-Nut (1/4-20)	1	2
11			Locknut (5/16-18)	1	2
12			NLA - Screw, Hex Head (5/16-18 x 2-1/4")	1	2
13			Washer, Steel (5/16 x 3/4 x 1/16")	1	4
14			NLA - Screw, Socket Flat Head w/ Patch (1/4-20X1/2")	1	2
NOTE: A - Includes Recline Arm Socket Bracket and items 4 thru 6. B - Includes items 8 thru 14. Hardware accomodates the mounting of item 1 and item 3. C - Used on Conventional, Contoura and (Curve Contoura Backs Before 5/12/10) D - The Recline Arm Socket Assembly with a fold over tab was introduced for all Curve Contoura Backs 5/12/10					

### #1 Adapter, Contoura Recline Upper Arm - Before 5/15/09

Adapter Side	16" Wide	18" Wide	20" Wide	22" Wide	24" Wide
Contoura Right	1131416-NLA	1122582-NLA	1122625-NLA	1131418-NLA	1131420-NLA
Contoura Left	1131417-NLA	1125807-NLA	1125808-NLA	1131419-NLA	1131421-NLA

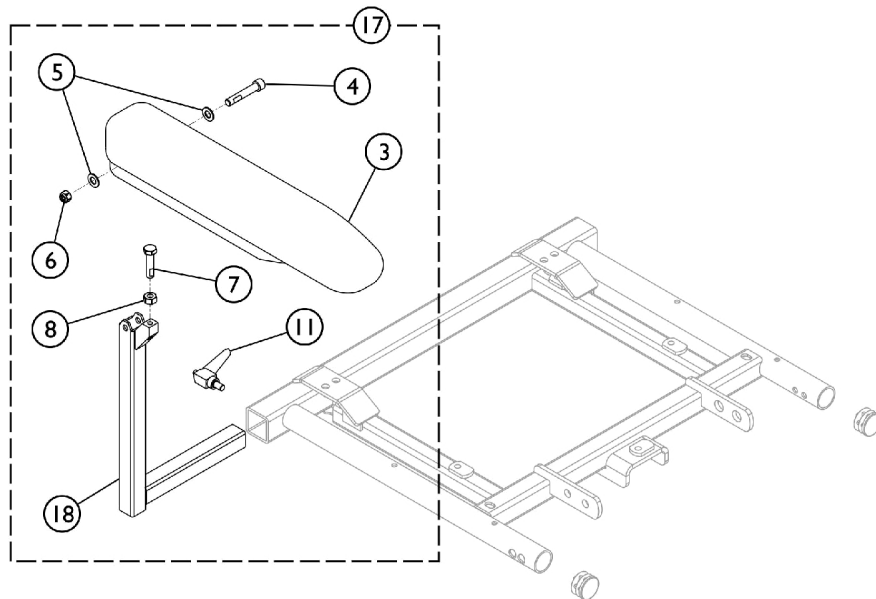
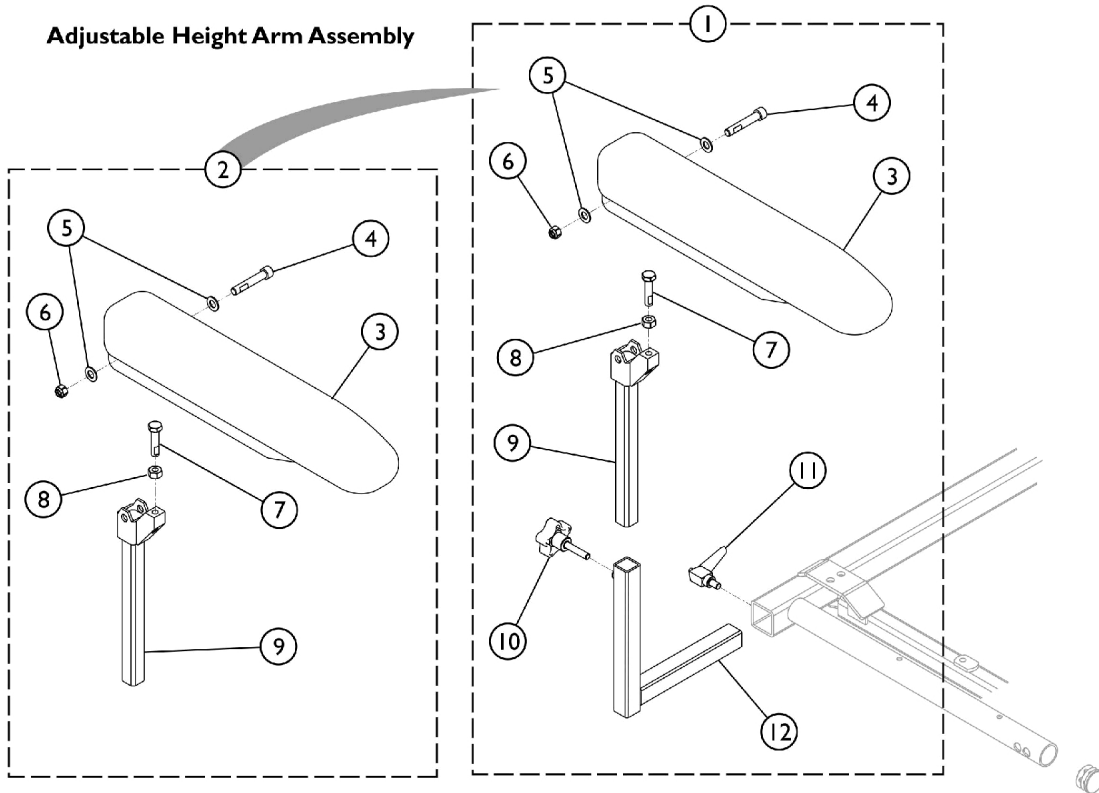
**Arm Mounting Hardware**  
**Conventional and Contoura**  
**(CGR) & (CGTR/CGTRE) Seating (16"-24" Wide)**

**#1 Adapter, Curve Contoura Recline Upper Arm - After 5/14/09**

Adapter Side	16" Wide	18" Wide	20" Wide	22" Wide	24" Wide
Curve Contoura - Right	1161802	1161655	1161660	1161796	1161820
Curve Contoura - Left	1161803	1161656	1161661	1161797	1161821

# Arms - Van Seat

**Adjustable Height Arm Assembly**



**Fixed Height Arm Assembly**

SHEP\_022A

## Arms - Van Seat

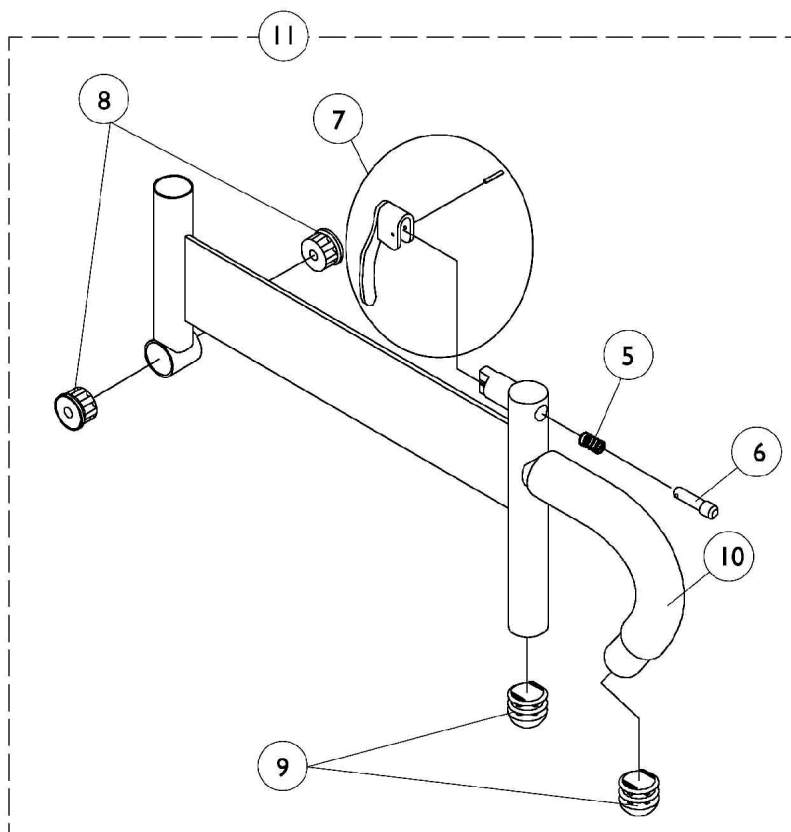
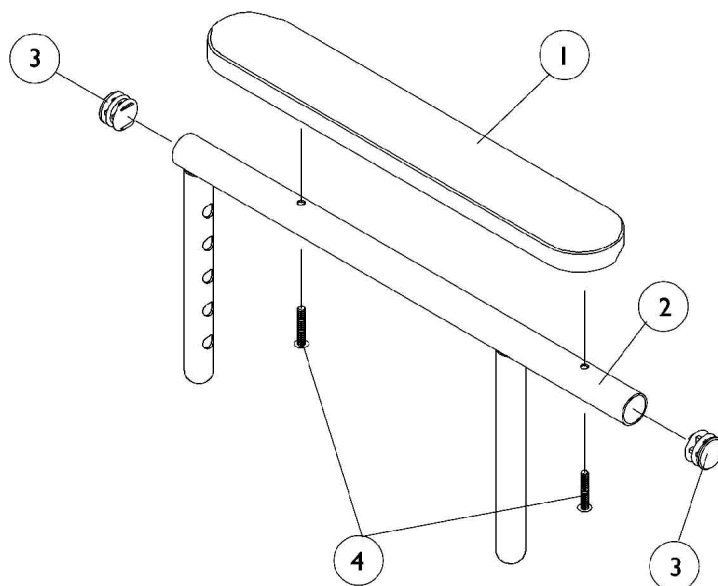
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1142476	Arm Assembly, Adjustable Height Full Length, Black - Right	1	1
1	A	1142477	Arm Assembly, Adjustable Height Full Length, Black - Left	1	1
1	A	1142494	Arm Assembly, Adjustable Height Desk Length, Black - Right	1	1
1	A	1142495	Arm Assembly, Adjustable Height Desk Length, Black - Left	1	1
2	B	1142487	Upper Arm Assembly, Desk Length (Right/Left)	1	1
3			Arm Pad, Desk Length, Black Urethane (12-1/4" L x 2-5/8" W)	1	1
4			Screw, Socket Head w/ Patch (5/16-18 x 1-3/4")	1	1
5			Washer, Flat (5/16 x 5/8 x 1/16")	1	2
6			Locknut (5/16-18)	1	1
7			Screw, Hex Head w/ Patch (5/16-18 x 1-1/4")	1	1
8			NLA - Nut, Hex (5/16-18)	1	1
9			Tube, Arm, Upper Adjustable Height, Black	1	1
2		1140426	Upper Arm Assembly, Full Length (Right/Left)	1	1
3			Arm Pad, Full Length, Urethane, Black (15" L x 2-5/8" W)	1	1
4			Screw, Socket Head w/ Patch (5/16-18 x 1-3/4")	1	1
5			Washer, Flat (5/16 x 5/8 x 1/16")	1	2
6			Locknut (5/16-18)	1	1
7			Screw, Hex Head w/ Patch (5/16-18 x 1-1/4")	1	1
8			NLA - Nut, Hex (5/16-18)	1	1
9			Tube, Arm, Upper Adjustable Height, Black	1	1
3		1139923	Arm Pad, Desk Length, Black Urethane (12-1/4" L x 2-5/8" W)	1	1
3		1139924	Arm Pad, Full Length, Urethane, Black (15" L x 2-5/8" W)	1	1
10	C	1114910	Knob, Adjustment, Black (5/16-18 x 3/4")	1	1
11		1114914	Handle, Release, Black (5/16-18 x 1/2")	1	1
12		1113646	Tube, Arm, Lower Adjustable Width, Black - Right	1	1
12		1113647	Tube, Arm, Lower Adjustable Width, Black - Left	1	1
17		1142490	Arm Assembly, Fixed Height Desk Length, Black - Right	1	1
17		1142491	Arm Assembly, Fixed Height Desk Length, Black - Left	1	1
17		1142485	Arm Assembly, Fixed Height Full Length, Black - Right	1	1
17		1142484	Arm Assembly, Fixed Height Full Length, Black - Left	1	1
18		1114359-NLA	NLA - Tube, Arm, Fixed Height, Black - Right	1	1
18		1114797-NLA	NLA - Tube, Arm, Fixed Height, Black - Left	1	1

## Arms - Van Seat

NOTE: A - Includes items 2 - 12.  
B - Includes items 3 - 9.  
C - Includes items 3 - 8, 11, and item 18.

# Arms, Adjustable Height

## Conventional Seating (12"-15" W x 12"-18" D)



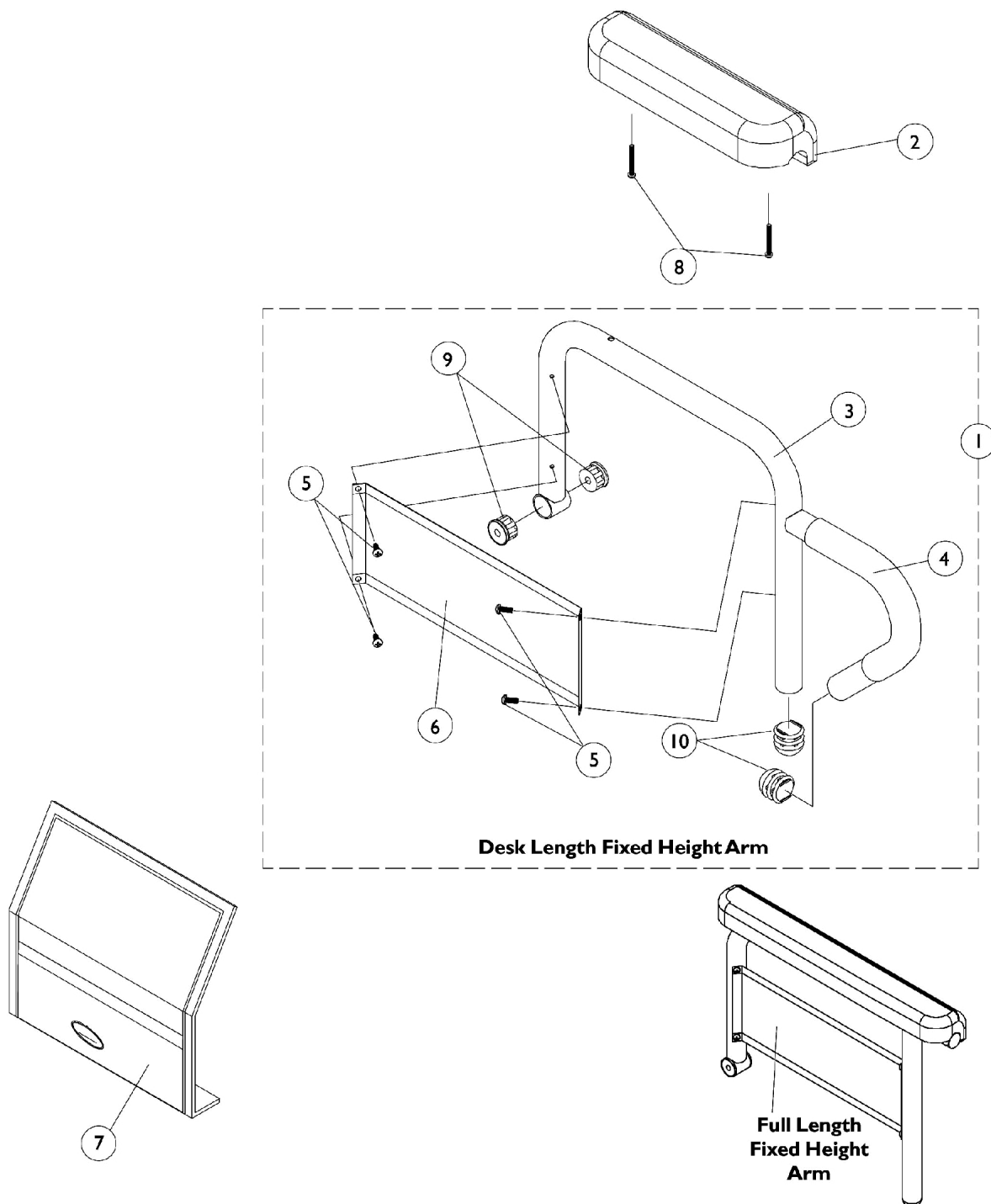
## Arms, Adjustable Height Conventional Seating (12"-15" W x 12"-18" D)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	8881015932-NL A	NLA - Pad, Arm, Vinyl, Full Length - Right (14" L x 2" W)	1	1
1	A	8881015933-NL A	NLA - Pad, Arm, Vinyl, Full Length - Left (14" L x 2" W)	1	1
1	A	8881053577	Kit, Arm Pad w/ Screws, Full Length (14" L x 2" W) (Pair)	2	1
1	A	8881011811-NL A	NLA - Pad, Arm, Vinyl, Desk Length (9" L x 2" W)	1	1
1	A	8881053578	Kit, Arm Pad w/ Screws, Desk Length (9" L x 2" W) (Pair)	2	1
2		1071263	Arm Tube Assembly w/ Plug Buttons, Full Length, Black - Right/Left	1	1
2		1071259	Arm Tube Assembly w/ Plug Buttons, Desk Length, Black - Right/Left	1	1
3		1027095	Plug Button, Black (7/8")	1	2
4		1055949	Package, Screw, Phillips Pan Head (#10-32 x 1-3/8")	2	1
5		47471X074	Spring, Arm Lock	1	1
6		1028594	Pin, Arm Lock, Black	1	1
7		1090768	Kit, Lock Handle w/Rivets (Pair)	2	1
8		1065936	Plug, Pivot	1	2
9		1067734	Plug Button, Black (5/8")	1	2
10		1016298	Grip, Push Handle	1	1
11	B	1068585	Arm Base Assembly, Adjustable Height, Black - Right	1	1
11	B	1068586	Arm Base Assembly, Adjustable Height, Black - Left	1	1

NOTE: A - Specify U67 Black upholstery color when ordering.  
B - Includes items 5-10

# Fixed Height Arms without Mounting Hardware

Conv., Contoura, ABS & Metal Curved Back (CGT) (16-24" W) & (CGE/CGTE) (16-22" W)



## Fixed Height Arms without Mounting Hardware

### Conv., Contoura, ABS & Metal Curved Back (CGT) (16-24" W) & (CGE/CGTE) (16-22" W)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		See Chart	Arms Less Pad, 16-22" Deep Seat Frames	1	1
2	B	1117328	Kit, Arm Pad w/ Screws, Full Length, Urethane Waterfall, Black (13" L x 2-5/8" W)	1	1
2		1110818	Kit, Arm Pad w/ Screws, Full Length, Urethane Waterfall, Black (13" L x 2-5/8" W) (Pair)	2	1
2	B	1117327	Kit, Arm Pad w/ Screws, Desk Length, Urethane Waterfall, Black (9" L x 2-5/8" W)	1	1
2		1110817	Kit, Arm Pad w/ Screws, Desk Length, Urethane Waterfall, Black (9" L x 2-5/8" W) (Pair)	2	1
3	A	1068564	Tube, Arm, Desk Length, Black - Right (16-19" D)	1	1
3	A	1068565-NLA	NLA - Tube, Arm, Desk Length, Black - Left (16-19" D)	1	1
3	A	1068490	Tube, Arm, Full Length, Black - Right (16-19"D)	1	1
3	A	1068491-NLA	NLA - Tube, Arm, Full Length, Black - Left (16 - 19"D)	1	1
4		1032244	Grip, Foam Hand (9" L)	1	1
5		1025729	Screw, Phillips Pan Head Tap (#8-32 x 3/8")	1	4
6		1035472-NLA	NLA - Guard, Clothing, Desk Length	1	1
6	A	1044572-NLA	NLA - Guard, Clothing, Full Length (16 - 19" D)	1	1
7		1035065	Cover, Clothing Guard w/ Pocket, FXDESK & ADJFULL/ADJDESK	1	1
8		1094270-NLA	NLA - Package, Screw, Phillips Pan Head (#10-32 x 1-1/4")	2	1
9		1065936	Plug, Pivot	1	2
10		1067734	Plug Button, Black (5/8")	1	2
NOTE: A - All seat depths will use the 16-19" deep replacement components only. B - After 7/9/07 Invacare recommends ordering armpads in pairs to assure uniform appearance on chair					

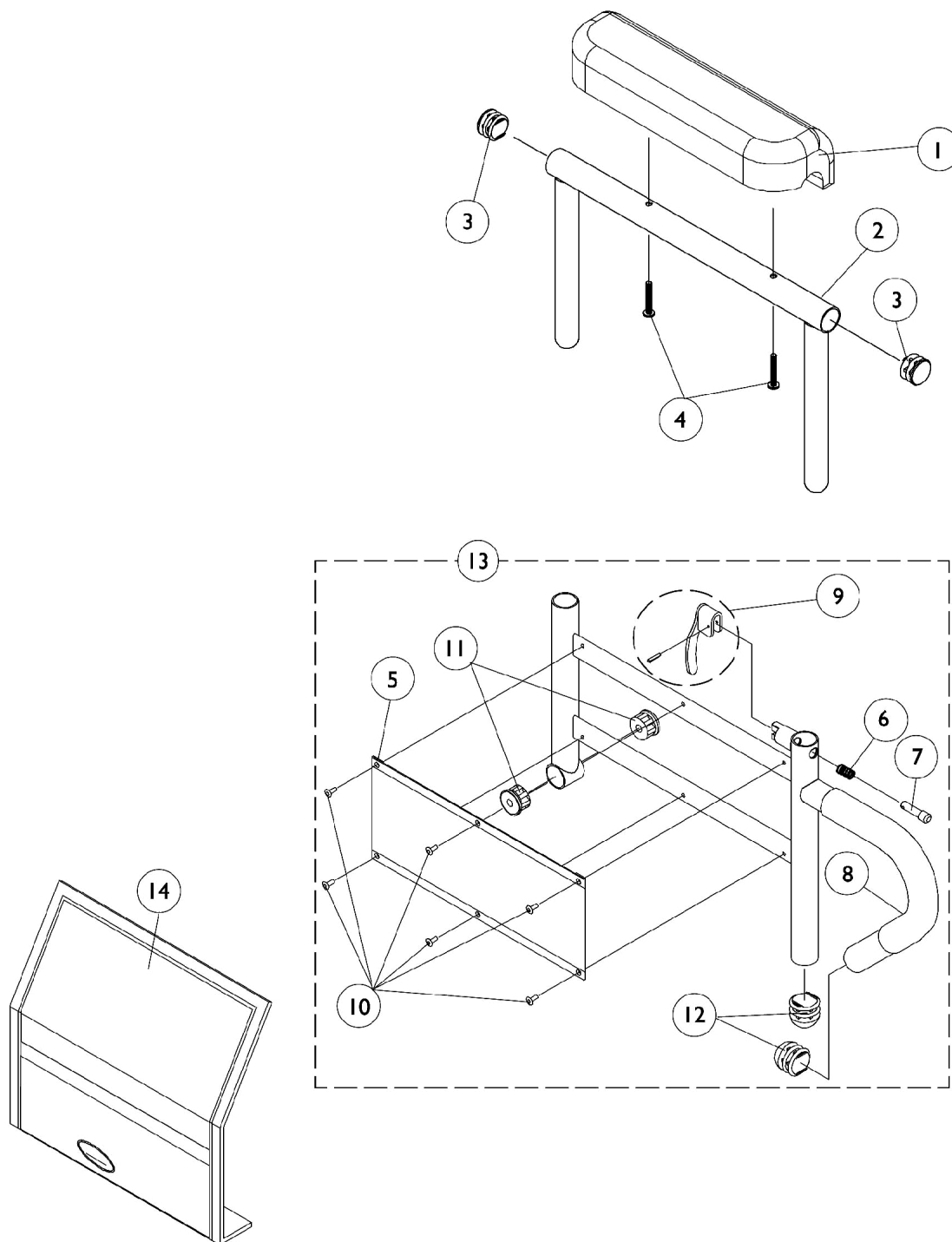
### #1 Arms Less Pad

#### 16-22" Deep Seat Frames

Arm Style	Right	Left
Desk Length	1068566-NLA	1068567-NLA
Full Length	1068559-NLA	1068560-NLA

# Adjustable Height Arms without Mounting Hardware

Conv., Contoura, ABS & Metal Curved Back (CGT) (16-24" W) & (CGE/CGTE) (16-22" W)

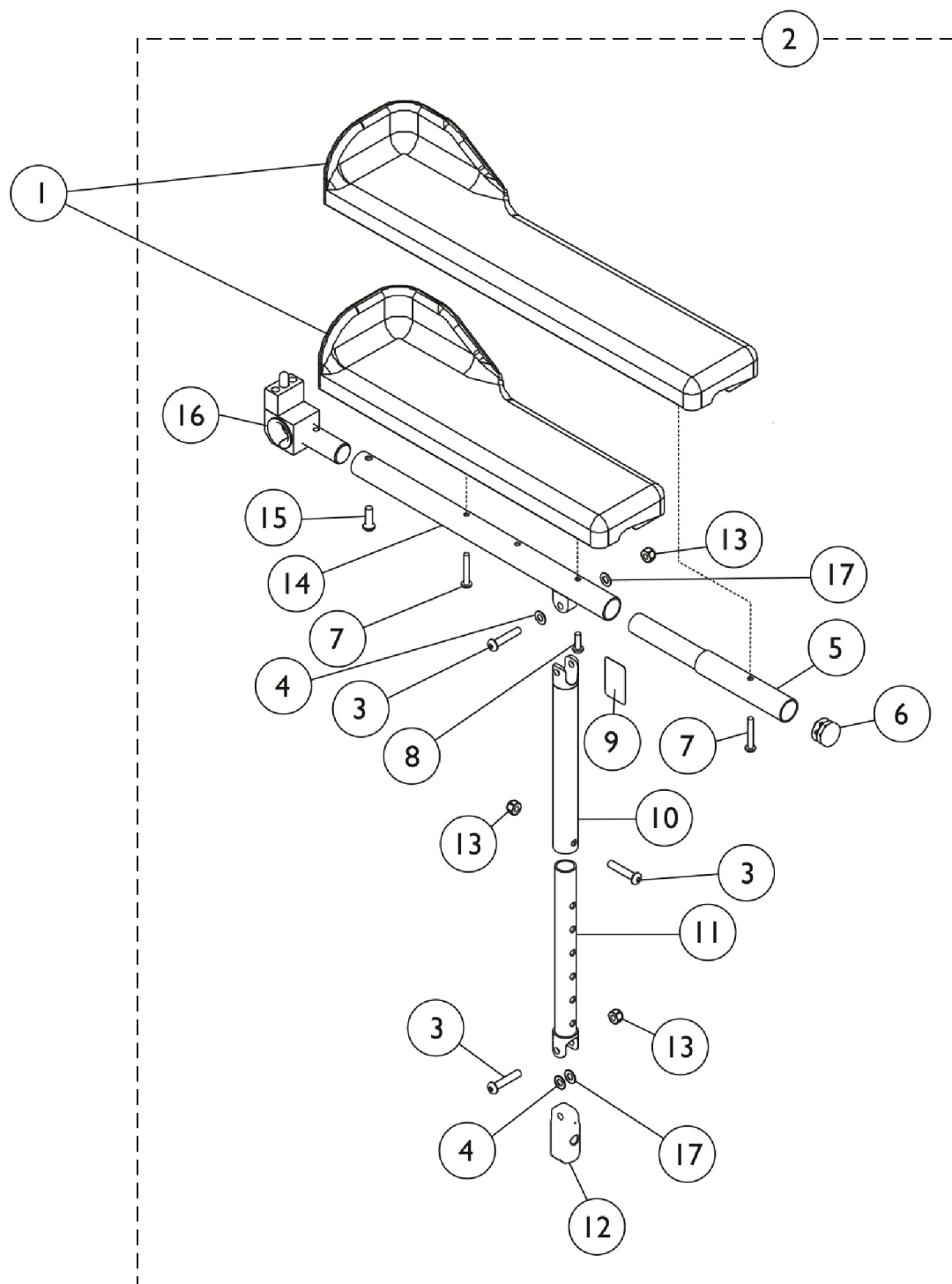


## Adjustable Height Arms without Mounting Hardware

### Conv., Contoura, ABS & Metal Curved Back (CGT) (16-24" W) & (CGE/CGTE) (16-22" W)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	B	1117328	Kit, Arm Pad w/ Screws, Full Length, Urethane Waterfall, Black (13" L x 2-5/8" W)	1	1
1		1110818	Kit, Arm Pad w/ Screws, Full Length, Urethane Waterfall, Black (13" L x 2-5/8" W) (Pair)	2	1
1	B	1117327	Kit, Arm Pad w/ Screws, Desk Length, Urethane Waterfall, Black (9" L x 2-5/8" W)	1	1
1		1110817	Kit, Arm Pad w/ Screws, Desk Length, Urethane Waterfall, Black (9" L x 2-5/8" W) (Pair)	2	1
2		1071253	Arm Tube Assembly w/ Plug Buttons, Full Length, Black - Right/Left	1	1
2		1070859	Arm Tube Assembly w/ Plug Buttons, Desk Length, Black - Right/Left	1	1
3		1027095	Plug Button, Black (7/8")	1	2
4		1094270-NLA	NLA - Package, Screw, Phillips Pan Head (#10-32 x 1-1/4")	2	1
5		1064130-NLA	NLA - Guard, Clothing	1	1
6		47471X074	Spring, Arm Lock	1	1
7		1028594	Pin, Arm Lock, Black	1	1
8		1032244	Grip, Foam Hand (9" L)	1	1
9		1090768	Kit, Lock Handle w/Rivets (Pair)	2	1
10		1028645	Rivet	1	6
11		1065936	Plug, Pivot	1	2
12		1067734	Plug Button, Black (5/8")	1	2
13	A	1068416	Arm Base Assembly, Black - Right (16-19" D)	1	1
13	A	1068417	Arm Base Assembly, Black - Left (16-19" D)	1	1
13	A	1067761	Arm Base Assembly, 1" Lower, Black - Right (16-19" D)	1	1
13	A	1067762	Arm Base Assembly, 1" Lower, Black - Left (16-19" D)	1	1
14		1035065	Cover, Clothing Guard w/ Pocket, FXDESK & ADJFULL/ADJDESK	1	1
NOTE: A - All seat depths will use the 16-19" deep replacement components only. Seat frames for 19-22" depths must also use the 16-19" deep arms. B - After 7/9/07 Invacare recommends ordering armpads in pairs to assure uniform appearance on chair.					

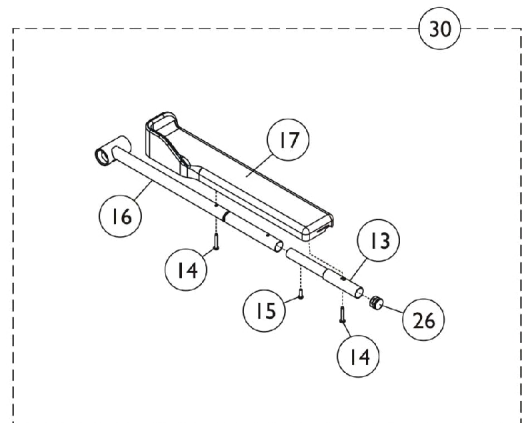
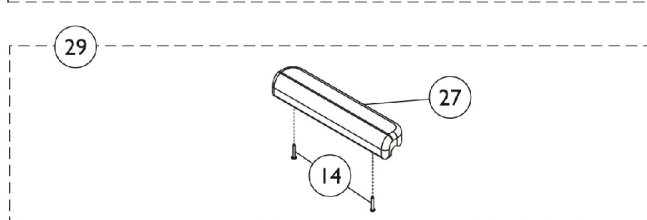
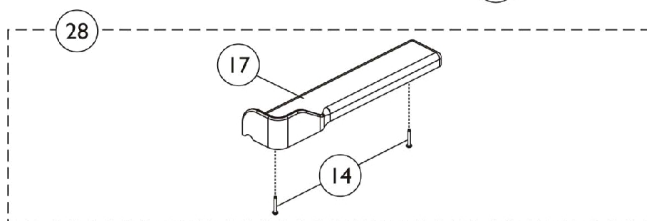
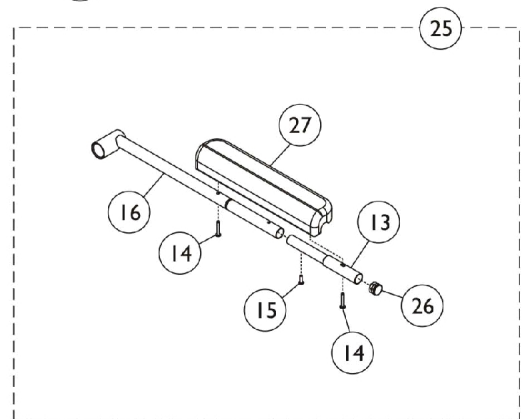
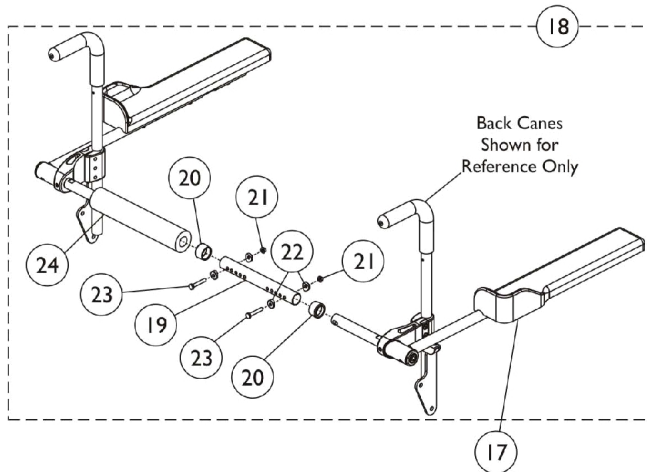
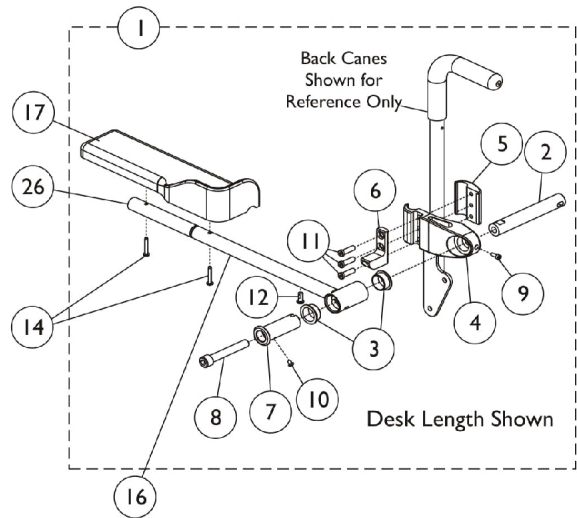
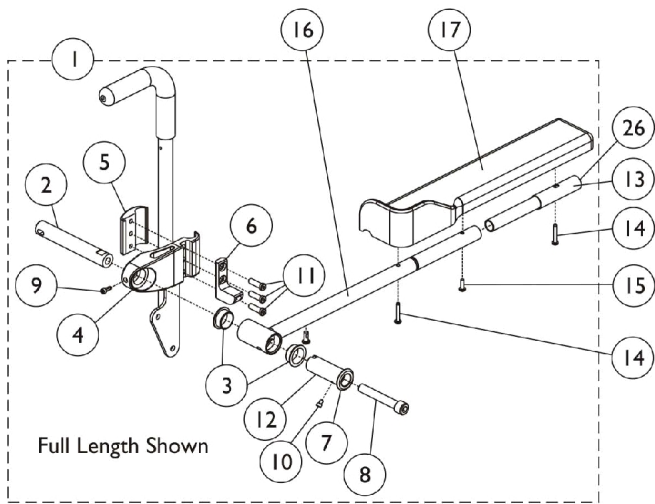
# Recline and Tilt/Recline Arms without Mounting Hardware (CGR) and (CGTR/CGTRE)



## Recline and Tilt/Recline Arms without Mounting Hardware (CGR) and (CGTR/CGTRE)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1082910	Pad, Arm w/ Elbow Stop, Desk Length, Urethane, Black - Right (13" L x 3" W)	1	1
1		1082911	Pad, Arm w/ Elbow Stop, Desk Length, Urethane, Black - Left (13" L x 3" W)	1	1
1		1090190	Kit, Arm Pad w/ Screws and Elbow Stop, Desk Length, Urethane, Black (13" L x 3" W) (Pair)	2	1
1		1082912	Pad, Arm w/ Elbow Stop, Full Length, Urethane, Black - Right (17" L x 3" W)	1	1
1		1082913	Pad, Arm w/ Elbow Stop, Full Length, Urethane, Black - Left (17" L x 3" W)	1	1
1		1090191	Kit, Arm Pad w/ Screws and Elbow Stop, Full Length, Urethane, Black (17" L x 3" W) (Pair)	2	1
2	A,F	1086992	Arm Assembly w/o Arm Pad, Desk Length, Black - Right	1	1
2	A,F	1086993	Arm Assembly w/o Arm Pad, Desk Length, Black - Left	1	1
2	B,F	1087012	Arm Assembly w/o Arm Pad, Full Length, Black - Right	1	1
2	B,F	1087013	Arm Assembly w/o Arm Pad, Full Length, Black - Left	1	1
3		1008432	Screw, Socket Button Head (1/4-20 x 1-1/4")	1	3
4		1026103	Washer, Nylon (1/4 x 1/2 x 1/32")	1	2
5		0028202	Tube, Extension, Full Length	1	1
6		1027095	Plug Button, Black (7/8")	1	1
7		1107155	Screw, Phillips Pan Head Tap (#10-32 x 1-1/4")	1	2
8	C	1028755	Screw, Phillips Pan Head (#10-32 x 5/8")	1	1
8	D	1107155	Screw, Phillips Pan Head Tap (#10-32 x 1-1/4")	1	1
9		1079203	Decal, Warning Pinch Point	1	1
10		1115392	Tube, Arm, Support, Black	1	1
11		1115393-NLA	NLA - Tube, Slide, Adjustable, Black	1	1
12		1082842	Plug, Arm, Black	1	1
13		7930333	Locknut (1/4-20)	25	1
14		1082927	Tube, Arm, Black	1	1
15		1091870	Screw, Socket Button Head w/ Patch (1/4-20 x 3/4")	1	1
16	G	1095437	Arm Pivot Assembly	1	1
17		1165484-NLA	NLA - Washer, Nylon (1/4 x 1/2 x 1/32")	1	2
	E	1119268-NLA	NLA - Kit, Slide Tube w/ Arm Support (Pair)	2	1
<b>NOTE:</b> A - Includes Items 3,4,6, and 9-17 B - Includes Items 3-6 and 8-17 C - Used for full length arms only D - Used for desk length arms only E - Not Shown. Assembly includes 2 ea. of item numbers 9, 10 and 11 F - When placing an order for item 2, you must specify as a note For Formula CG seating. G - The Arm Pivot Assembly Pin faces up for the Formula CG powered seating.					

# Cantilever Arms



## Cantilever Arms

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1161126	Cantilever Arm Hardware, Full Length - Right	1	1
1	A	1161127	Cantilever Arm Hardware, Full Length - Left	1	1
1	A	1161128	Cantilever Arm Hardware, Desk Length - Right	1	1
1	A	1161129	Cantilever Arm Hardware, Desk Length - Left	1	1
2		1161235	Pivot, Black	1	1
3		1160902	Bearing, Flange	1	2
4		1161232	Clamp, Black	1	1
5		1161233	Clamp, Block, Black	1	1
6		1162791	Tab, Stop, Black	1	1
7		1162515	Bushing, Pivot Arm	1	1
8		1162804-NLA	NLA - Screw, Socket Head w/ Patch (1/2-13 x 3-3/4")	1	1
9		1113438-NLA	NLA - 3Screw, Socket Head (#10-32 x 1/2")	1	1
10		1161708-NLA	NLA - Screw, Socket Button Head (10-32 x 1/4")	1	2
11		1114962-NLA	NLA - Screw, Socket Head (5/16-18 x 1")	1	3
12		1025342-NLA	NLA - Screw, Button Head (1/4-20 x 5/8")	1	1
13		0028202	Tube, Extension, Full Length	1	1
14		1107155	Screw, Phillips Pan Head Tap (#10-32 x 1-1/4")	1	2
15		1028755	Screw, Phillips Pan Head (#10-32 x 5/8")	1	1
16		1160904	Tube, Arm, Waterfall - Right	1	1
16		1160905	Tube, Arm, Waterfall - Left	1	1
16		1161701	Tube, Arm, Recline - Right	1	1
16		1161702	Tube, Arm, Recline - Left	1	1
17		1082910	Pad, Arm w/ Elbow Stop, Desk Length, Urethane, Black - Right (13" L x 3" W)	1	1
17		1082911	Pad, Arm w/ Elbow Stop, Desk Length, Urethane, Black - Left (13" L x 3" W)	1	1
17		1082912	Pad, Arm w/ Elbow Stop, Full Length, Urethane, Black - Right (17" L x 3" W)	1	1
17		1082913	Pad, Arm w/ Elbow Stop, Full Length, Urethane, Black - Left (17" L x 3" W)	1	1
18	B	1161557	Cantilever Spreader Arm Assembly (16 - 20" W)	1	1
18	B	1161558	Cantilever Spreader Arm Assembly (20 - 24" W)	1	1
19		1120280	Tube, Spreader Bar, Adjustable, Black (16 - 20" W)	1	1
19		1120281	Tube, Spreader Bar, Adjustable, Black (20 - 24" W)	1	1
20		15680X013	Anti-Rattle (1")	1	2
21		1025195	Locknut (1/4-20)	1	2
22		1026099	Spacer, Coved (1/4 x 11/16 x 1/2")	1	4
23		1030949	Screw, Hex Head (1/4-20 x 1-1/2")	1	2
24		1127158	Cover, Spreader Bar (16-20" W)	1	1
24		1161930	Cover, Spreader Bar (20-24" W)	1	1
25	C	1161972	Cantilever Arm Assembly w/ Arm Pad, Full Length - Right	1	1
25	C	1161973	Cantilever Arm Assembly w/ Arm Pad, Full Length - Left	1	1

## Cantilever Arms

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
25	H	1161976	Cantilever Arm Assembly w/ Arm Pad, Desk Length - Right	1	1
25	H	1161977	Cantilever Arm Assembly w/ Arm Pad, Desk Length - Left	1	1
26		1027095	Plug Button, Black (7/8")	1	1
27	I	See Note	See Footnote	1	1
28	D	1090190	Kit, Arm Pad w/ Screws and Elbow Stop, Desk Length, Urethane, Black (13" L x 3" W) (Pair)	1	1
28	D	1090191	Kit, Arm Pad w/ Screws and Elbow Stop, Full Length, Urethane, Black (17" L x 3" W) (Pair)	1	1
29	E	1117327	Kit, Arm Pad w/ Screws, Desk Length, Urethane Waterfall, Black (9" L x 2-5/8" W)	1	1
29	E	1117328	Kit, Arm Pad w/ Screws, Full Length, Urethane Waterfall, Black (13" L x 2-5/8" W)	1	1
30	F	1161974	Cantilever Arm Assembly w/ Arm Pad, Recline, Full Length - Right	1	1
30	F	1161975	Cantilever Arm Assembly w/ Arm Pad, Recline, Full Length - Left	1	1
30	G	1161978	Cantilever Arm Assembly w/ Arm Pad, Recline, Desk Length - Right	1	1
30	G	1161979	Cantilever Arm Assembly w/ Arm Pad, Recline, Desk Length - Left	1	1
<b>NOTE:</b> A - Includes items 2-12. B - Includes items 19-24. C - Includes items 13-16, 26 and 27. D - Includes items 14 and 17. E - Includes items 14 and 27. F - Includes items 13-17 and 26. G - Includes items 14, 16, 17 and 26. H - Includes items 14, 16, 26 and 27. I - Part not sold separately. See item 29.					

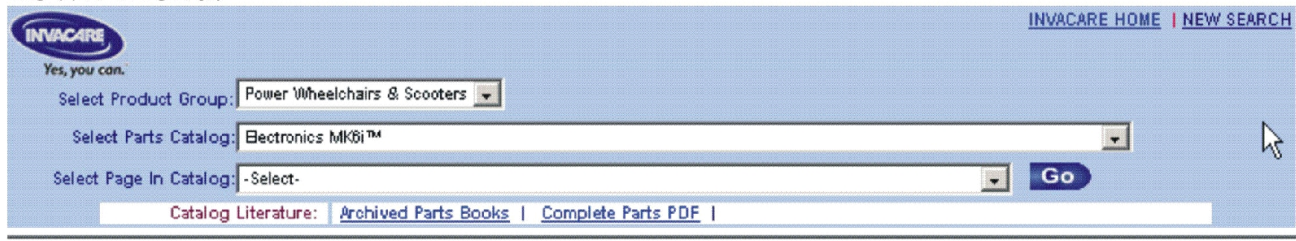
# MK6i Electronics

If you are looking for **MK6i™ Electronics** introduced to the Formula CG Powered Seating (Elevate, Tilt, Recline & Tilt/Recline) on or about 10/9/06

The parts catalog information is now divided into two separate catalogs.

## Web Page

The MK6i™ Electronics information can be found on the Invacare web page by selecting “Electronics MK6i™” in the “Select Parts Catalog” drop down menu.

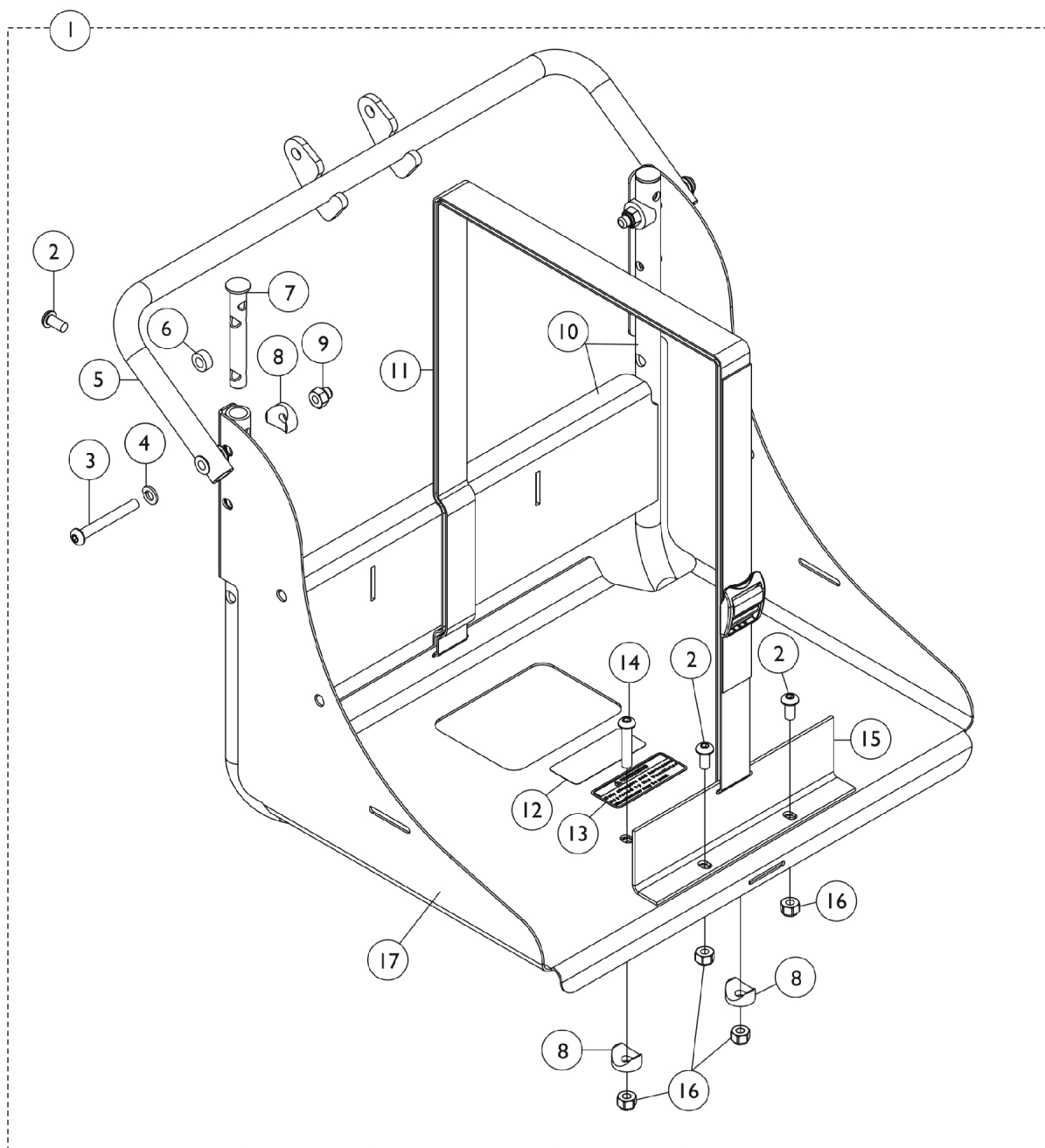
A screenshot of the Invacare website's search interface. The header features the Invacare logo with the tagline "Yes, you can." and navigation links for "INVACARE HOME" and "NEW SEARCH". The main search area contains three dropdown menus: "Select Product Group:" with "Power Wheelchairs & Scooters" selected, "Select Parts Catalog:" with "Electronics MK6i™" selected, and "Select Page In Catalog:" with "-Select-" selected. A blue "Go" button is positioned to the right of the third dropdown. Below the search area, a "Catalog Literature:" section includes links for "Archived Parts Books" and "Complete Parts PDF".

## Printed Catalog

The MK6i™ Electronics information can be found in printed copy at our Literature Fulfillment Center listed under form # 06-110 and titled “MK6i™ Electronics”.

## Vent Tray Assembly without Mounting Hardware

**NOTE:** Vent Option is excluded from a Formula CG Contoura Tilt Only System. Minimum back cane height must be 20" high. Contoura Tilt Only back canes are 18" high. A Double Spreader Bar is required to install a Vent Tray Option to a Tilt Only System. TDX SP/SR models require a GP24/3-22NF WIDE Battery Box because the 22NF NARROW Battery Box or Elevate Option are excluded. When a Vent Tray Assembly is ordered for the first time in the field for 3G Storm Series, the chair must be returned to Invacare for installation. Call the Technical Service Department for assistance at 1-800-832-4707. For TDX SP/SR models, refer to page titled "Vent Tray Kits". Vent Tray is excluded from 3G Storm Series and TDX SP/SR model wheelchairs with TRRO option.



## Vent Tray Assembly without Mounting Hardware

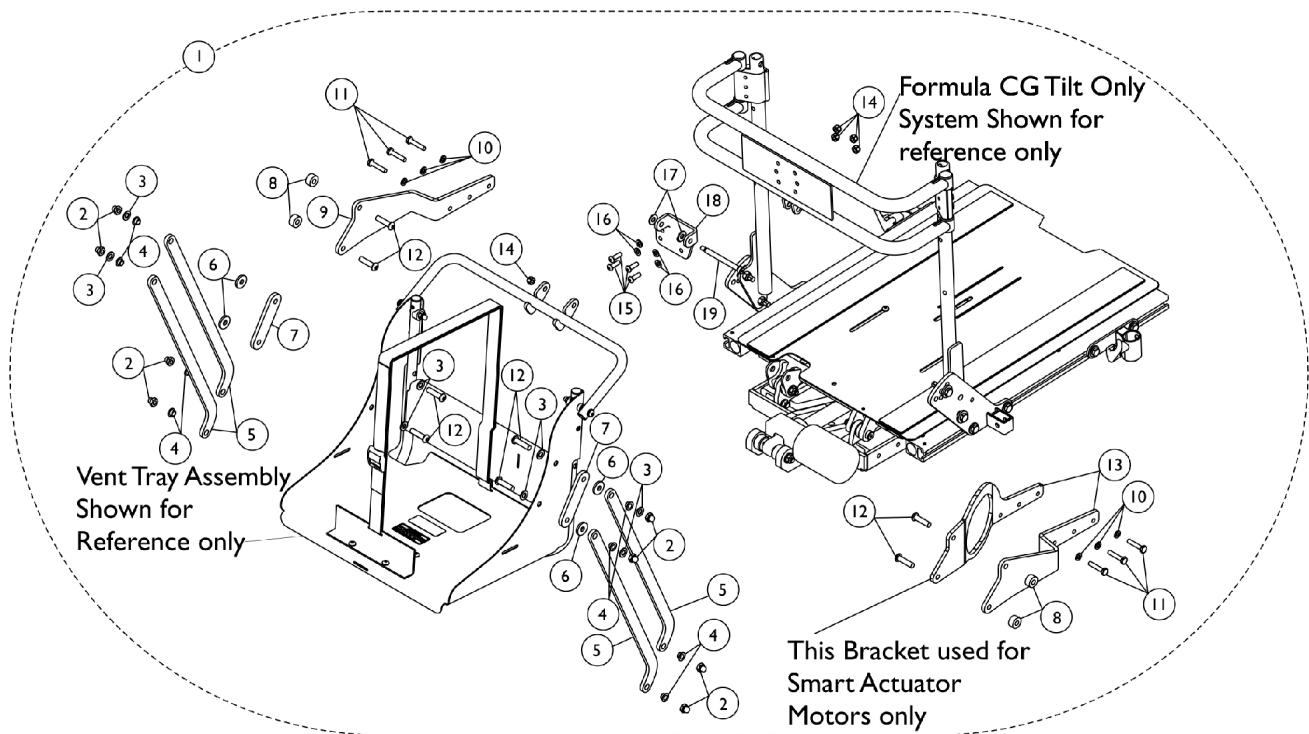
**NOTE:** Vent Option is excluded from a Formula CG Contoura Tilt Only System. Minimum back cane height must be 20" high. Contoura Tilt Only back canes are 18" high. A Double Spreader Bar is required to install a Vent Tray Option to a Tilt Only System. TDX SP/SR models require a GP24/3-22NF WIDE Battery Box because the 22NF NARROW Battery Box or Elevate Option are excluded. When a Vent Tray Assembly is ordered for the first time in the field for 3G Storm Series, the chair must be returned to Invacare for installation. Call the Technical Service Department for assistance at 1-800-832-4707. For TDX SP/SR models, refer to page titled "Vent Tray Kits". Vent Tray is excluded from 3G Storm Series and TDX SP/SR model wheelchairs with TRRO option.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1146329-NLA	NLA - Vent Tray Assembly	1	1
2			NLA - Screw, Socket Button Head (1/4-20 x 1/2")	1	4
3			NLA - Screw, Socket Button Head (1/4-20 x 2")	1	2
4			Lockwasher, Split (1/4")	1	2
5			Vent Tray Hanger Assembly	1	1
6			NLA - Spacer	1	2
7			NLA - Plug, Slide Tube	1	2
8			Spacer, Coved (1/4 x 3/4 x 11/32")	1	4
9			Nut, Hex with Nylon Cap (1/4-20)	1	2
10			NLA - Frame, Vent Tray, Upper Support, Black	1	1
11			NLA - Strap and Buckle Assembly	1	1
12			Label, Warning	1	1
13			NLA - Decal, Warning, Approved Charger and Harness	1	1
14			Screw, Socket Button Head (1/4-20 x 1-1/4")	1	2
15			NLA - Bracket, Vent Tray, Black	1	1
16			Locknut (1/4-20)	1	4
17			NLA - Tray, Vent	1	1
NOTE: A - Includes items 2-17					

# Vent Tray Mounting Hardware

## Conventional (CGT), ABS & Metal Curved (CGT), & (CGT) w/ BPO Option

When a Vent Tray Assembly is ordered for the first time in the field for 3G Storm Series, the chair must be returned to Invacare for installation. Call the Technical Service Department for assistance at 1-800-832-4707. For TDX SP/SR models, refer to page titled "Vent Tray Kits". Vent Tray is excluded from 3G Storm Series and TDX SP/SR model wheelchairs with TRRO option.



# Vent Tray Mounting Hardware

## Conventional (CGT), ABS & Metal Curved (CGT), & (CGT) w/ BPO Option

When a Vent Tray Assembly is ordered for the first time in the field for 3G Storm Series, the chair must be returned to Invacare for installation. Call the Technical Service Department for assistance at 1-800-832-4707. For TDX SP/SR models, refer to page titled "Vent Tray Kits". Vent Tray is excluded from 3G Storm Series and TDX SP/SR model wheelchairs with TRRO option.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1148659-NLA	NLA - Kit, Vent Tray Mounting Hardware for Conventional Tilt, ABS Curved Tilt, & Tilt w/ BPO Option.	1	1
2			Nut, Nylon (5/16-24") Hex Cap	1	8
3			Washer, Flat (5/16 x 5/8 x 1/16")	1	8
4			Bushing, Flange	1	8
5			Bracket, Lower Vent, Black	1	4
6			Washer, Nylon (5/16 x 7/8 x 1/8")	1	4
7			Plate, Support Vent - Black	1	2
8			NLA - Bushing (3/8")	1	4
9			Bracket, Lower Vent Mounting, Black - Left	1	1
10			Lockwasher, Split (1/4")	1	6
11			Screw, Hex Head (1/4-20 x 1-1/4")	1	6
12			NLA - Screw Allen Head (5/16-24 x 1-1/4")	1	8
13			Bracket, Lower Vent Mounting, Black - Right	1	1
14			Locknut (1/4-20)	1	5
15			Screw, Socket Button (1/4-20 x 3/4")	1	4
16			Washer (1/4 x 1/2 x 1/16")	1	4
17			Washer, Nylon (5/16 x 11/16 x 1/16")	1	2
18			Bracket, Hanger Vent BPO, Black	1	1
19			Screw, Shoulder Hex Socket Head (5/16" x 3", 1/4-20)	1	1
1	B	1142192	Kit, Vent Tray Mounting Hardware (Smart) for Conventional Tilt, ABS Curved Tilt, & Tilt w/ BPO Option.	1	1
2			Nut, Nylon (5/16-24") Hex Cap	1	8
3			Washer, Flat (5/16 x 5/8 x 1/16")	1	8
4			Bushing, Flange	1	8
5			Bracket, Lower Vent, Black	1	4
6			Washer, Nylon (5/16 x 7/8 x 1/8")	1	4
7			Plate, Support Vent - Black	1	2
8			NLA - Bushing (3/8")	1	4
9			Bracket, Lower Vent Mounting, Black - Left	1	1
10			Lockwasher, Split (1/4")	1	6
11			Screw, Hex Head (1/4-20 x 1-1/4")	1	6
12			NLA - Screw Allen Head (5/16-24 x 1-1/4")	1	8
13			Bracket, Lower Vent Mounting, Smart, Black - Right	1	1
14			Locknut (1/4-20)	1	5
15			Screw, Socket Button (1/4-20 x 3/4")	1	4
16			Washer (1/4 x 1/2 x 1/16")	1	4

# Vent Tray Mounting Hardware

## Conventional (CGT), ABS & Metal Curved (CGT), & (CGT) w/ BPO Option

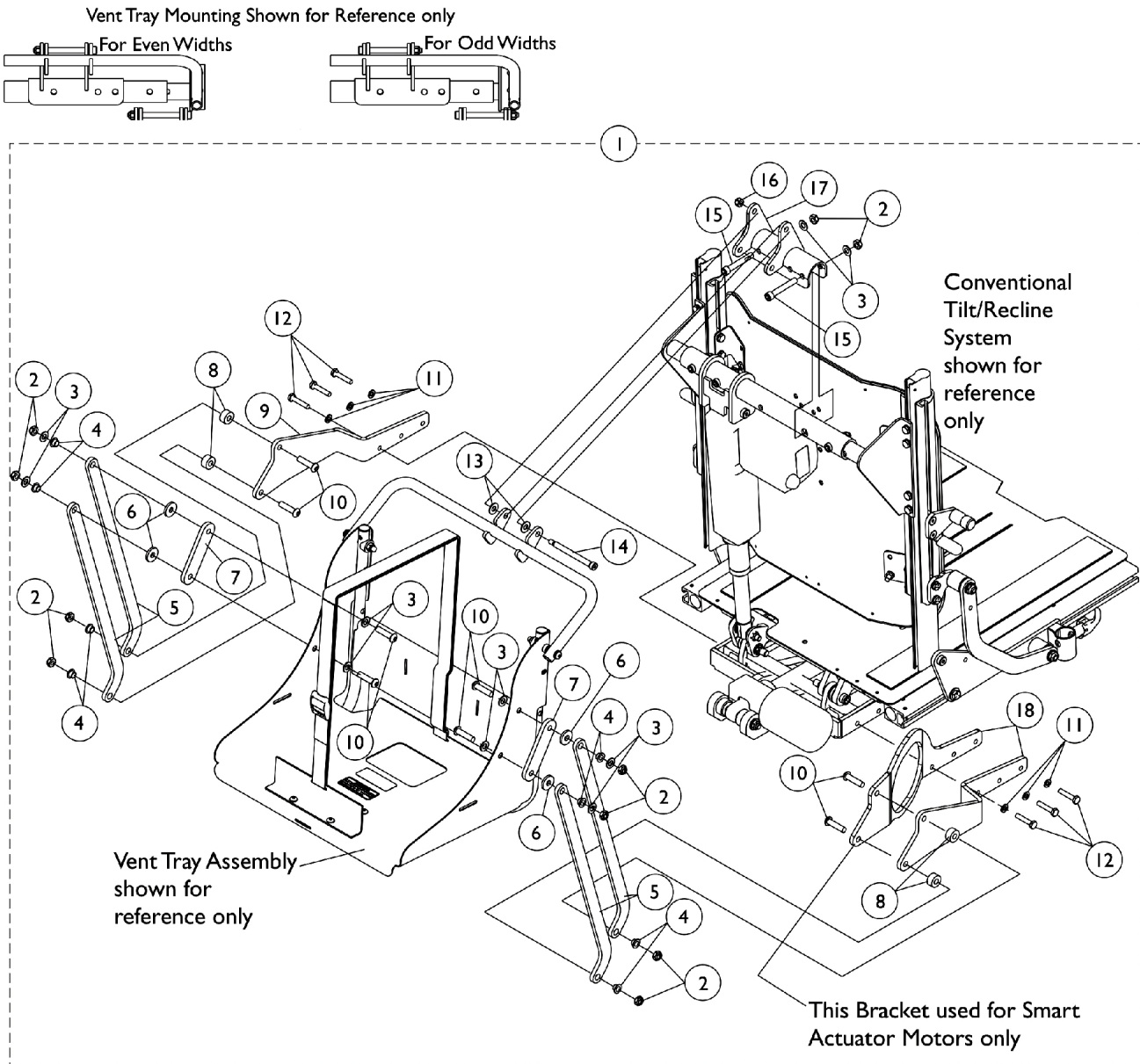
When a Vent Tray Assembly is ordered for the first time in the field for 3G Storm Series, the chair must be returned to Invacare for installation. Call the Technical Service Department for assistance at 1-800-832-4707. For TDX SP/SR models, refer to page titled "Vent Tray Kits". Vent Tray is excluded from 3G Storm Series and TDX SP/SR model wheelchairs with TRRO option.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
17			Washer, Nylon (5/16 x 11/16 x 1/16")	1	2
18			Bracket, Hanger Vent BPO, Black	1	1
19			Screw, Shoulder Hex Socket Head (5/16" x 3", 1/4-20)	1	1
9		1146332	Bracket, Lower Vent Mounting, Black - Left	1	1
13	C	1146331	Bracket, Lower Vent Mounting, Black - Right	1	1
13	D	1153632	Bracket, Lower Vent Mounting, Smart, Black - Right	1	1
NOTE: A - Includes items 2-19 and used for seating systems with a Conventional Actuator Motor B - Includes 2-19 and used for seating systems with a Smart Actuator Motor C - Used when a Conventional Actuator Motor is used D - Used when a Smart Actuator Motor is used					

# Vent Tray Mounting Hardware

## Contoura (CGR/CGTR) and Conventional (CGR/CGTR)

When a Vent Tray Assembly is ordered for the first time in the field for 3G Storm Series, the chair must be returned to Invacare for installation. Call the Technical Service Department for assistance at 1-800-832-4707. For TDX SP/SR models, refer to page titled "Vent Tray Kits". Vent Tray is excluded from 3G Storm Series and TDX SP/SR model wheelchairs with TRRO option.



# Vent Tray Mounting Hardware

## Contoura (CGR/CGTR) and Conventional (CGR/CGTR)

**When a Vent Tray Assembly is ordered for the first time in the field for 3G Storm Series, the chair must be returned to Invacare for installation. Call the Technical Service Department for assistance at 1-800-832-4707. For TDX SP/SR models, refer to page titled "Vent Tray Kits". Vent Tray is excluded from 3G Storm Series and TDX SP/SR model wheelchairs with TRRO option.**

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1148660	Kit, Vent Tray Mounting Hardware for (Contoura Recline, Tilt/Recline) & (Conventional Recline, Tilt/Recline)	1	1
2			Locknut (5/16-18)	1	10
3			Washer, Flat (5/16 x 5/8 x 1/16")	1	10
4			Bushing, Flange	1	8
5			Bracket, Lower Vent, Black	1	4
6			Washer, Nylon (5/16 x 7/8 x 1/8")	1	4
7			Plate, Support Vent - Black	1	2
8			NLA - Bushing (3/8")	1	4
9			Bracket, Lower Vent Mounting, Black - Left	1	1
10			NLA - Screw Allen Head (5/16-24 x 1-1/4")	1	8
11			Lockwasher, Split (1/4")	1	6
12			Screw, Hex Head (1/4-20 x 1-1/4")	1	6
13			Washer, Nylon (5/16 x 11/16 x 1/16")	1	2
14			Screw, Shoulder Hex Socket Head (5/16" x 3", 1/4-20)	1	1
15			Screw, Socket Head w/ Patch (5/16-18 x 2")	1	2
16			Locknut (1/4-20)	1	1
17			Bracket, Upper Mounting Vent, Black	1	1
1	B	1153641	Kit, Vent Tray Mounting Hardware (Smart) for (Contoura Recline, Tilt/Recline) & (Conventional Recline, Tilt/Recline)	1	1
2			Locknut (5/16-18)	1	10
3			Washer, Flat (5/16 x 5/8 x 1/16")	1	10
4			Bushing, Flange	1	8
5			Bracket, Lower Vent, Black	1	4
6			Washer, Nylon (5/16 x 7/8 x 1/8")	1	4
7			Plate, Support Vent - Black	1	2
8			NLA - Bushing (3/8")	1	4
9			Bracket, Lower Vent Mounting, Black - Left	1	1
10			NLA - Screw Allen Head (5/16-24 x 1-1/4")	1	8
11			Lockwasher, Split (1/4")	1	6
12			Screw, Hex Head (1/4-20 x 1-1/4")	1	6
13			Washer, Nylon (5/16 x 11/16 x 1/16")	1	2
14			Screw, Shoulder Hex Socket Head (5/16" x 3", 1/4-20)	1	1
15			Screw, Socket Head w/ Patch (5/16-18 x 2")	1	2
16			Locknut (1/4-20)	1	1
17			Bracket, Upper Mounting Vent, Black	1	1

## Vent Tray Mounting Hardware

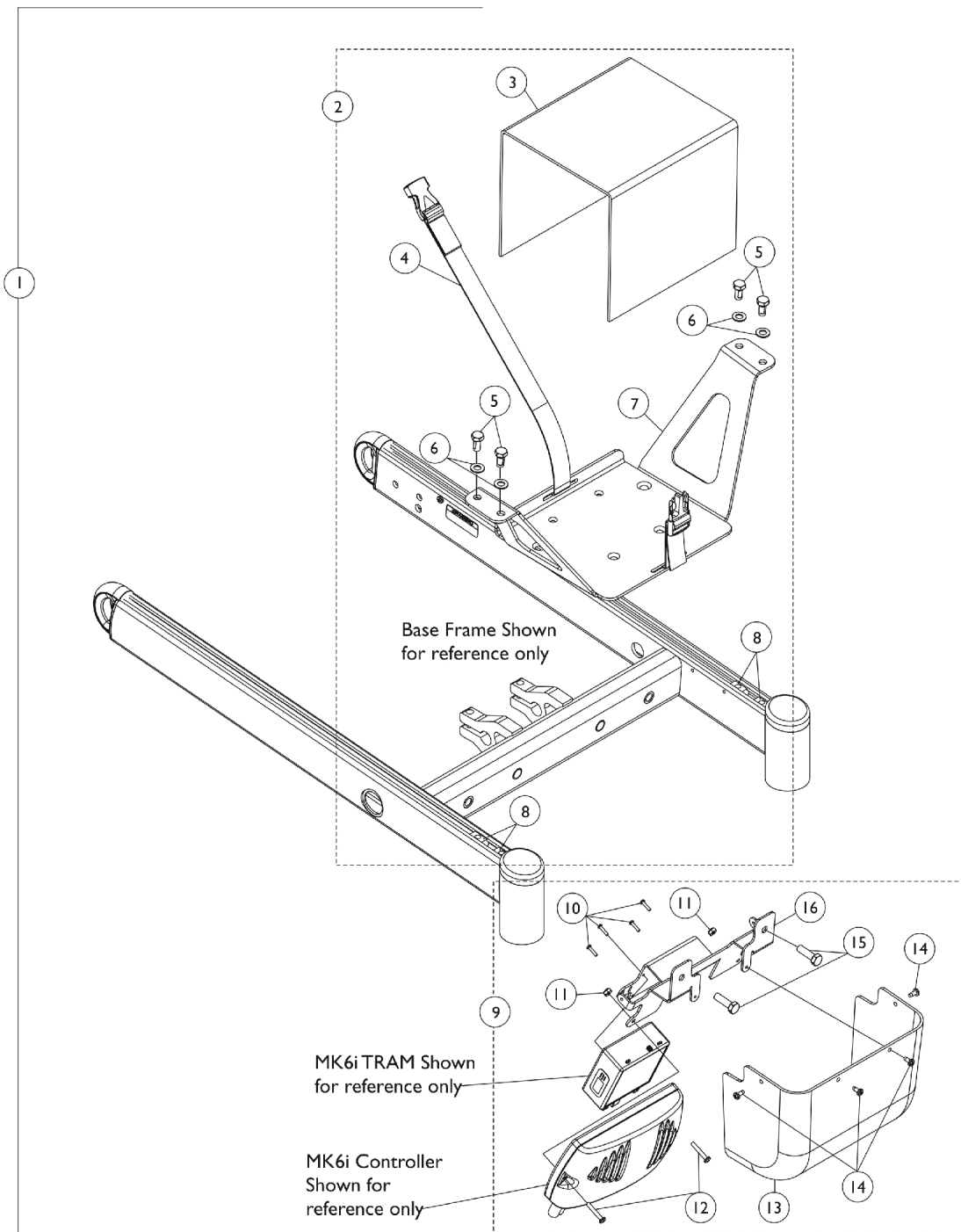
### Contoura (CGR/CGTR) and Conventional (CGR/CGTR)

When a Vent Tray Assembly is ordered for the first time in the field for 3G Storm Series, the chair must be returned to Invacare for installation. Call the Technical Service Department for assistance at 1-800-832-4707. For TDX SP/SR models, refer to page titled "Vent Tray Kits". Vent Tray is excluded from 3G Storm Series and TDX SP/SR model wheelchairs with TRRO option.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
18			Bracket, Lower Vent Mounting, Smart, Black - Right	1	1
9		1146332	Bracket, Lower Vent Mounting, Black - Left	1	1
18	C	1146331	Bracket, Lower Vent Mounting, Black - Right	1	1
18	D	1153632	Bracket, Lower Vent Mounting, Smart, Black - Right	1	1
NOTE: A - Includes items 2-18 and used for seating systems with a Conventional Actuator Motor B - Includes 2-18 and used for seating systems with a Smart Actuator Motor C - Used when a Conventional Actuator Motor is used D - Used when a Smart Actuator Motor is used					

# Vent Tray, MK690 w/ ACC Controller & MK6i TRAM Mounting Hardware (3G Storm w/ 4-Pole Motors) 3G Storm w/ 4-Pole Motors

**NOTE:** After 12/9/07 the TRAM Module was relocated next to the Recline Actuator Conventional Motor for Tilt/Recline & Recline Only systems. When a Vent Tray Assembly is ordered for the first time in the field for 3G Storm Series, the chair must be returned to Invacare for installation. Call the Technical Service Department for assistance at 1-800-832-4707. Vent Tray is excluded from 3G Storm Series wheelchairs with TRRO option.



# Vent Tray, MK690 w/ ACC Controller & MK6i TRAM Mounting Hardware (3G Storm w/ 4-Pole Motors) 3G Storm w/ 4-Pole Motors

**NOTE: After 12/9/07 the TRAM Module was relocated next to the Recline Actuator Conventional Motor for Tilt/Recline & Recline Only systems. When a Vent Tray Assembly is ordered for the first time in the field for 3G Storm Series, the chair must be returned to Invacare for installation. Call the Technical Service Department for assistance at 1-800-832-4707. Vent Tray is excluded from 3G Storm Series wheelchairs with TRRO option.**

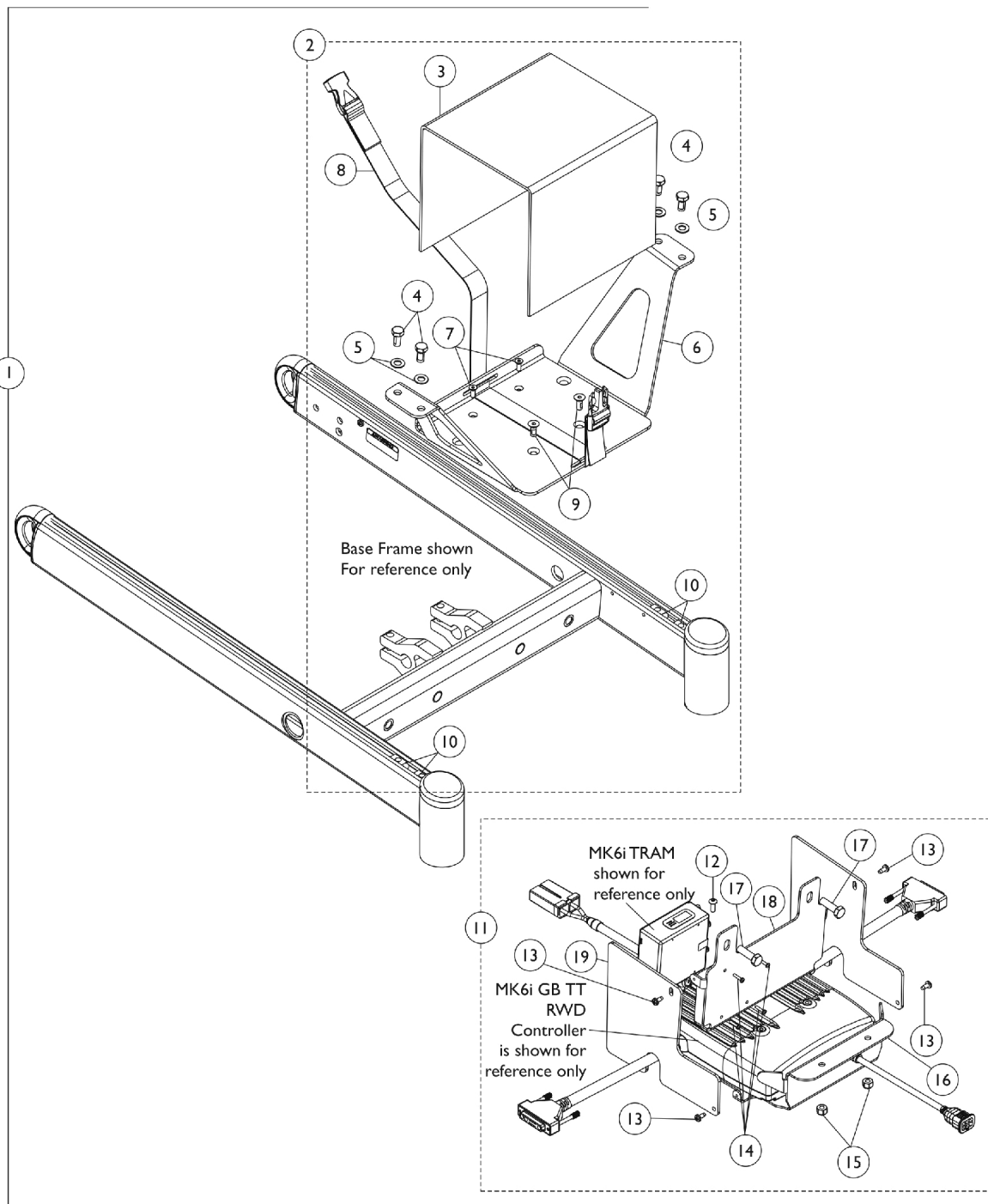
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1146618-NLA	NLA - Kit, Vent Battery Tray, MK690 w/ ACC Controller & MK6i TRAM Mtg Hdwr	1	1
3			Shroud, Vent Battery	1	1
4			NLA - Battery Strap Assembly	1	1
5			Screw, Hex Head w/ Patch (5/16-18 x 5/8")	1	4
6			Washer, Flat (5/16 x 5/8 x 1/16")	1	4
7			Tray, Vent Battery	1	1
8			T-Nut (5/16-18)	1	4
10			Screw, Phillips Pan Head (#4-40 x 1/2")	1	4
11			Locknut (#8-32)	1	2
12			Screw, Phillips Pan Head (#8-32 x 1")	1	2
13			Shroud, Controller Cover (for Vent Option)	1	1
14			Screw, Phillips Pan Head Tap (#8-32 x 3/8")	1	4
15			Screw, Hex Head w/ Patch (5/16-18 x 1")	1	2
16			Bracket, Mounting, Black (For Vent Option)	1	1
2	B	1148656-NLA	NLA - Kit, Vent Battery Tray w/ Hardware	1	1
3			Shroud, Vent Battery	1	1
4			NLA - Battery Strap Assembly	1	1
5			Screw, Hex Head w/ Patch (5/16-18 x 5/8")	1	4
6			Washer, Flat (5/16 x 5/8 x 1/16")	1	4
7			Tray, Vent Battery	1	1
8			T-Nut (5/16-18)	1	4
9	C	1148655-NLA	NLA - Kit, MK690 w/ ACC Controller/TRAM Mounting Bracket, Shroud Cover and Mounting Hardware	1	1
10			Screw, Phillips Pan Head (#4-40 x 1/2")	1	4
11			Locknut (#8-32)	1	2
12			Screw, Phillips Pan Head (#8-32 x 1")	1	2
13			Shroud, Controller Cover (for Vent Option)	1	1
14			Screw, Phillips Pan Head Tap (#8-32 x 3/8")	1	4
15			Screw, Hex Head w/ Patch (5/16-18 x 1")	1	2
16			Bracket, Mounting, Black (For Vent Option)	1	1

NOTE: A - Includes items 3-8 and 10-16  
B - Includes items 3-8  
C - Includes items 10-16

# Vent Battery Tray, MK6i GB TT RWD Controller & MK6i TRAM Mounting Hardware

## 3G Storm w/ GB TT Motors

**NOTE:** After 12/9/07 the TRAM Module was relocated next to the Recline Actuator Conventional Motor for Tilt/Recline & Recline Only systems. When a Vent Tray Assembly is ordered for the first time in the field for 3G Storm Series, the chair must be returned to Invacare for installation. Call the Technical Service Department for assistance at 1-800-832-4707. Vent Tray is excluded from 3G Storm Series wheelchairs with TRRO option.



# Vent Battery Tray, MK6i GB TT RWD Controller & MK6i TRAM Mounting Hardware 3G Storm w/ GB TT Motors

**NOTE: After 12/9/07 the TRAM Module was relocated next to the Recline Actuator Conventional Motor for Tilt/Recline & Recline Only systems. When a Vent Tray Assembly is ordered for the first time in the field for 3G Storm Series, the chair must be returned to Invacare for installation. Call the Technical Service Department for assistance at 1-800-832-4707. Vent Tray is excluded from 3G Storm Series wheelchairs with TRRO option.**

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1146625-NLA	NLA - Kit, Vent Battery Tray MK6i GB TT RWD Controller Mounting Hardware	1	1
3			Shroud, Vent Battery	1	1
4			Screw, Hex Head w/ Patch (5/16-18 x 5/8")	1	4
5			Washer, Flat (5/16 x 5/8 x 1/16")	1	4
6			Tray, Vent Battery	1	1
7			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	2
8			NLA - Battery Strap Assembly	1	1
9			Screw, Socket Flat Head w/ Patch (1/4-20 x 5/8")	1	2
10			T-Nut (5/16-18)	1	4
12			NLA - Screw, Socket Button Head (#10-32 x 1/2")	1	1
13			Screw, Phillips Pan Head Tap (#8-32 x 3/8")	1	4
14			Screw, Phillips Pan Head (#4-40 x 1/2")	1	4
15			Locknut (1/4-20)	1	2
16			Bracket, MK6i GB TT RWD Controller Mounting, Black (for Vent Option)	1	1
17			Screw, Hex Head w/ Patch (5/16-18 x 1")	1	2
18			Bracket, MK6i GB TT RWD TRAM Mounting, Black (for Vent Option)	1	1
19			Shroud, MK6i GB TT RWD Controller/TRAM, Black (Vent Options)	1	2
2	B	1148657-NLA	NLA - Kit, Vent Battery Tray w/ Hardware - MK6i GB TT RWD	1	1
3			Shroud, Vent Battery	1	1
4			Screw, Hex Head w/ Patch (5/16-18 x 5/8")	1	4
5			Washer, Flat (5/16 x 5/8 x 1/16")	1	4
6			Tray, Vent Battery	1	1
7			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	2
8			NLA - Battery Strap Assembly	1	1
9	C	1148658-NLA	Screw, Socket Flat Head w/ Patch (1/4-20 x 5/8")	1	2
10			T-Nut (5/16-18)	1	4
11			NLA - Kit, MK6i GB TT RWD Controller/TRAM Mounting Bracket, Shroud Covers and Mounting Hardware	1	1
12			NLA - Screw, Socket Button Head (#10-32 x 1/2")	1	1
13			Screw, Phillips Pan Head Tap (#8-32 x 3/8")	1	4
14			Screw, Phillips Pan Head (#4-40 x 1/2")	1	4
15			Locknut (1/4-20)	1	2

# Vent Battery Tray, MK6i GB TT RWD Controller & MK6i TRAM Mounting Hardware 3G Storm w/ GB TT Motors

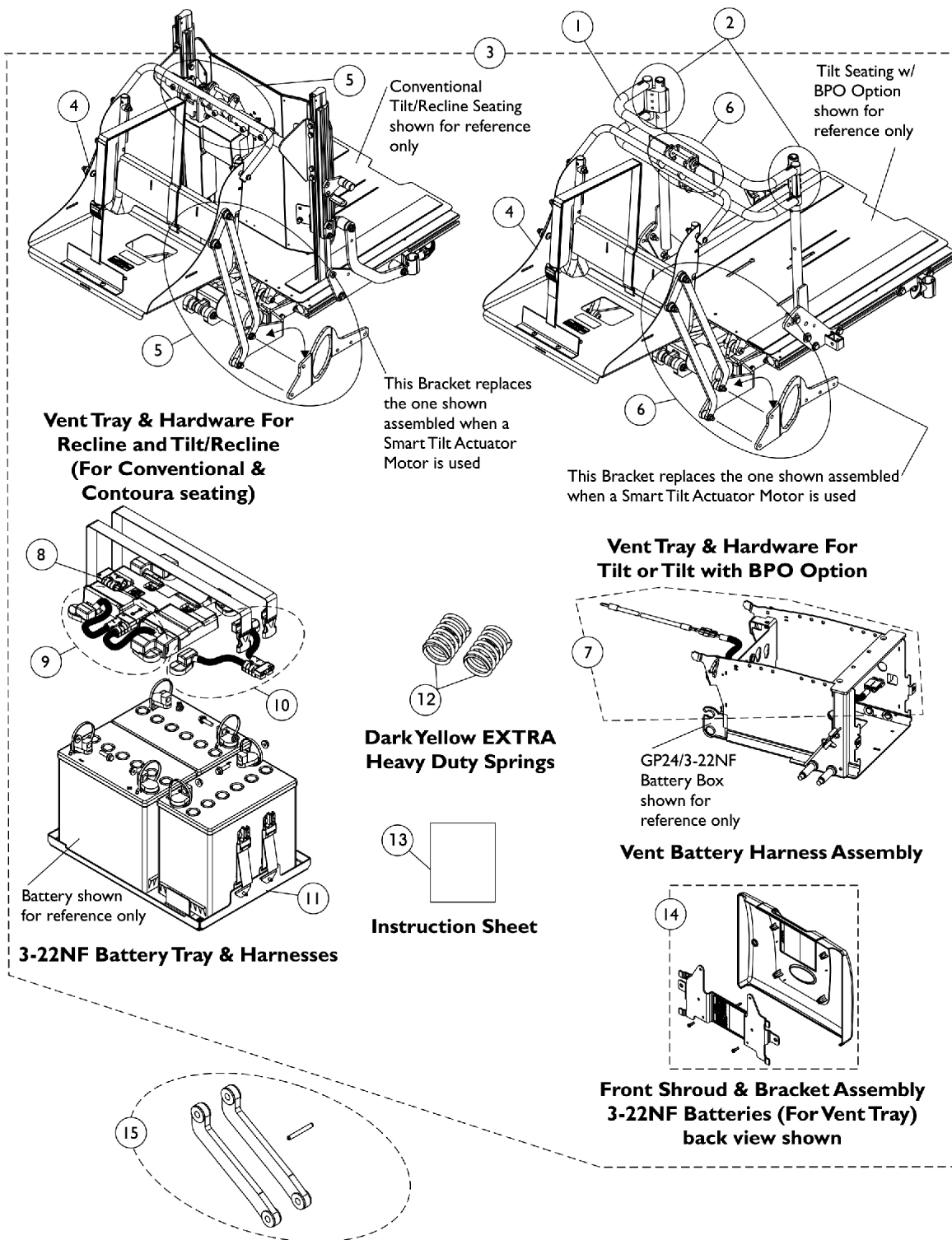
**NOTE:** After 12/9/07 the TRAM Module was relocated next to the Recline Actuator Conventional Motor for Tilt/Recline & Recline Only systems. When a Vent Tray Assembly is ordered for the first time in the field for 3G Storm Series, the chair must be returned to Invacare for installation. Call the Technical Service Department for assistance at 1-800-832-4707. Vent Tray is excluded from 3G Storm Series wheelchairs with TRRO option.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
16			Bracket, MK6i GB TT RWD Controller Mounting, Black (for Vent Option)	1	1
17			Screw, Hex Head w/ Patch (5/16-18 x 1")	1	2
18			Bracket, MK6i GB TT RWD TRAM Mounting, Black (for Vent Option)	1	1
19			Shroud, MK6i GB TT RWD Controller/TRAM, Black (Vent Options)	1	2
NOTE: A - Includes items 3-10 and 12-19 B - Includes items 3-10 C - Includes items 12-19					

# Vent Tray Kits

## TDX SP/SP-GT/SR

**NOTE:** Please read all footnotes before ordering a Vent Tray Kit, additional components may be required. TDX SR models always use SMART Actuators. Vent Tray is excluded from TDX SP/SR model wheelchairs with TRRO option



## Vent Tray Kits

### TDX SP/SP-GT/SR

**NOTE: Please read all footnotes before ordering a Vent Tray Kit, additional components may be required. TDX SR models always use SMART Actuators. Vent Tray is excluded from TDX SP/SR model wheelchairs with TRRO option**

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1-2		See Chart	Double Spreader Bar Assembly (Conventional & ABS Curved Back Tilt Only 16", 17", 18", 19", 20" Wide)	1	1
1-2		See Chart	Double Spreader Bar Assembly (Conventional & ABS Curved Back Tilt Only 21", 22", 23", 24" Wide)	1	1
3-14		See Chart	Vent Tray Kit For (CGT) or (CGT) w/ BPO Option (For Conventional Actuators)	1	1
3-14		See Chart	Vent Tray Kit For (CGT) or (CGT) w/ BPO Option (For Smart Actuators)	1	1
3-14		See Chart	Vent Tray Kit For (CGR) and (CGTR) Seating Systems (For Conventional Actuators)	1	1
3-14		See Chart	Vent Tray Kit For (CGR) and (CGTR) Seating Systems (For Smart Actuators)	1	1
15	A	1151309	Kit, Vent Link Replacement 45 Degree w/ Slotted Spring Tension Pin - Formula CG	1	1

NOTE: A - The kit includes 2 ea. 45 Degree Tilt Links, 1 ea. Slotted Spring Tension Pin 1/8" x 1-1/8".

### Double Spreader Bar Assembly & Mounting Hardware

(Conventional & ABS Curved Back Tilt Only 16", 17", 18", 19", 20" Wide)

Item #	Description	16" Wide	17" Wide	18" Wide	19" Wide	20" Wide	Qty. Per Asbly.
1.	Double Spreader Bar Assembly	0013602	0013702	0013802	0013902	0014002	1
2.	Double Spreader Bar Mounting Hardware	1125761	1125761	1125761	1125761	1125761	1

NOTE: A Double Spreader Bar is Standard ON-CHAIR for Tilt Only Systems that order the Back Post Only (BPO) option

### Double Spreader Bar Assembly & Mounting Hardware

(Conventional & ABS Curved Back Tilt Only 21", 22", 23", 24" Wide)

Item #	Description	21" Wide	22" Wide	23" Wide	24" Wide	Qty. Per Asbly.
1.	Double Spreader Bar Assembly	0014102	0014202	0284202-NLA	0284302-NLA	1
2.	Double Spreader Bar Mounting Hardware	1125761	1125761	1125761	1125761	1

# Vent Tray Kits

## TDX SP/SP-GT/SR

**NOTE: Please read all footnotes before ordering a Vent Tray Kit, additional components may be required. TDX SR models always use SMART Actuators. Vent Tray is excluded from TDX SP/SR model wheelchairs with TRRO option**

NOTE: A Double Spreader Bar is Standard ON-CHAIR for Tilt Only Systems that order the Back Post Only (BPO) option

### Vent Tray Kit For (CGT) or (CGT) w/ BPO Option (For Conventional Actuators)

Item #	Description	Part Number	Qty. Per Asbly.
3.	Vent Tray Kit & Installation Instruction Sheet See Note(s) A, A1, C1, C, D, B	1151312-NLA	1
4.	Kit, Vent Tray Assembly w/o Mounting Hardware	1146329-NLA	1
6.	Kit, Vent Tray Mounting Hardware	1148659-NLA	1
7.	Kit, Vent Battery Harness Assembly w/ Hardware	1147948	1
8.	Battery Wire Harness w/ Terminal Hardware, 3-22NF - Rear	1147135	1
9.	Battery Wire Harness w/ Terminal Hardware, 3-22NF - Front	1120362	1
10.	Battery Wire Harness w/ Terminal Hardware, 22NF - Vent	1121143	1
11.	Kit, Battery Tray Assembly, TDX SP 3-22NF For Vent	1157803	1
12.	Dark Yellow EXTRA Heavy Duty Springs See Note(s) E	1125645-NLA	2
13.	Instruction Sheet	1145758-NLA	1
14.	Front Shroud & Bracket Assembly (For 3-22NF Batteries w/ Vent Tray)	1147123-NLA	1

NOTE: A - When ordering a Vent Tray Kit for Conventional and ABS Curved Back systems in the field, items 1 and 2 (Double Spreader Bar and Mounting Hardware) are required as well.  
A1 - A Double Spreader Bar is already attached to a Tilt Only System originally ordered with a Back Post Only (BPO) Option. Minimum Back Cane Height must be 20". Vent Kit excluded for Contoura Backs.  
B - Vent Tray Kit is only available on a (GP24/3-22NF WIDE Battery Box Assembly) and NON-ELEVATE powered seating.  
C - A Vent Tray Assembly always requires the 45 Degree Links. 400 lb. weight limit capacity chairs come with 45 degree links & 300 lb. weight limit capacity chairs come with 55 degree links.  
C1 - For chairs with 55 degree links, order item 15 "Kit, Vent Link Replacement 45 Degrees & Slotted Spring Tension Pin For Formula CG".  
D - Vent Tray Kit includes items 4 and 6-14  
E - Spring color changed from Sunny Yellow to Dark Yellow 3/22/10. It is recommended to order springs in pairs to match color and maintain equal spring tension on both sides of the wheelchair

# Vent Tray Kits

## TDX SP/SP-GT/SR

**NOTE: Please read all footnotes before ordering a Vent Tray Kit, additional components may be required. TDX SR models always use SMART Actuators. Vent Tray is excluded from TDX SP/SR model wheelchairs with TRRO option**

### Vent Tray Kit For (CGT) or (CGT) w/ BPO Option (For Smart Actuators)

Item #	Description	Part Number	Qty. Per Asbly.
3.	Vent Tray Kit (Smart) & Installation Instruction Sheet See Note(s) A1, D, C1, C, B, A	1154063-NLA	1
4.	Kit, Vent Tray Assembly w/o Mounting Hardware	1146329-NLA	1
6.	Kit, Vent Tray Mounting Hardware (Smart)	1142192	1
7.	Kit, Vent Battery Harness Assembly w/ Hardware	1147948	1
8.	Battery Wire Harness w/ Terminal Hardware, 3-22NF - Rear	1147135	1
9.	Battery Wire Harness w/ Terminal Hardware, 3-22NF - Front	1120362	1
10.	Battery Wire Harness w/ Terminal Hardware, 22NF - Vent	1121143	1
11.	Kit, Battery Tray Assembly, TDX SP 3-22NF For Vent	1157803	1
12.	Dark Yellow EXTRA Heavy Duty Springs See Note(s) E	1125645-NLA	2
13.	Instruction Sheet	1145758-NLA	1
14.	Front Shroud & Bracket Assembly (For 3-22NF Batteries w/ Vent Tray)	1147123-NLA	1

**NOTE:** A - When ordering a Vent Tray Kit for Conventional and ABS Curved Back systems in the field, items 1 and 2 (Double Spreader Bar and Mounting Hardware) are required as well.  
A1 - A Double Spreader Bar is already attached to a Tilt Only System originally ordered with a Back Post Only (BPO) Option. Minimum Back Cane Height must be 20". Vent Kit excluded for Contoura Backs.  
B - Vent Tray Kit is only available on a (GP24/3-22NF WIDE Battery Box Assembly) and NON-ELEVATE powered seating.  
C - A Vent Tray Assembly always requires the 45 Degree Links. 400 lb. weight limit capacity chairs come with 45 degree links & 300 lb. weight limit capacity chairs come with 55 degree links.  
C1 - For chairs with 55 degree links, order item 15 "Kit, Vent Link Replacement 45 Degrees & Slotted Spring Tension Pin For Formula CG".  
D - Vent Tray Kit includes items 4 and 6-14  
E - Spring color changed from Sunny Yellow to Dark Yellow 3/22/10. It is recommended to order springs in pairs to match color and maintain equal spring tension on both sides of the wheelchair

# Vent Tray Kits

## TDX SP/SP-GT/SR

**NOTE: Please read all footnotes before ordering a Vent Tray Kit, additional components may be required. TDX SR models always use SMART Actuators. Vent Tray is excluded from TDX SP/SR model wheelchairs with TRRO option**

### Vent Tray Kit For (CGR) and (CGTR) Seating Systems (For Conventional Actuators)

Item #	Description	Part Number	Qty. Per Asbly.
3.	Vent Tray Kit & Installation Instruction Sheet See Note(s) A, B, C, B1	1151313-NLA	1
4.	Kit, Vent Tray Assembly w/o Mounting Hardware	1146329-NLA	1
5.	Kit, Vent Tray Mounting Hardware	1148660	1
7.	Kit, Vent Battery Harness Assembly w/ Hardware	1147948	1
8.	Battery Wire Harness w/ Terminal Hardware, 3-22NF - Rear	1147135	1
9.	Battery Wire Harness w/ Terminal Hardware, 3-22NF - Front	1120362	1
10.	Battery Wire Harness w/ Terminal Hardware, 22NF - Vent	1121143	1
11.	Kit, Battery Tray Assembly, TDX SP 3-22NF For Vent	1157803	1
12.	Dark Yellow EXTRA Heavy Duty Springs See Note(s) D	1125645-NLA	2
13.	Instruction Sheet	1145758-NLA	1
14.	Front Shroud & Bracket Assembly (For 3-22NF Batteries w/ Vent Tray)	1147123-NLA	1

**NOTE:** A - Vent Tray is only available on a (GP24/3-22NF WIDE Battery Box Assembly) and NON-ELEVATE powered seating.  
 B - A Vent Tray Assembly always requires the 45 Degree Links. 400 lb. weight limit capacity chairs come with 45 degree links & 300 lb. weight limit capacity chairs come with 55 degree links.  
 B1 - For chairs with 55 degree links, order item 15 "Kit, Vent Link Replacement 45 Degrees & Slotted Spring Tension Pin For Formula CG".  
 C - Vent Tray Kit includes items 4, 5 and 7-14  
 D - Spring color changed from Sunny Yellow to Dark Yellow 3/22/10. It is recommended to order springs in pairs to match color and maintain equal spring tension on both sides of the wheelchair

# Vent Tray Kits

## TDX SP/SP-GT/SR

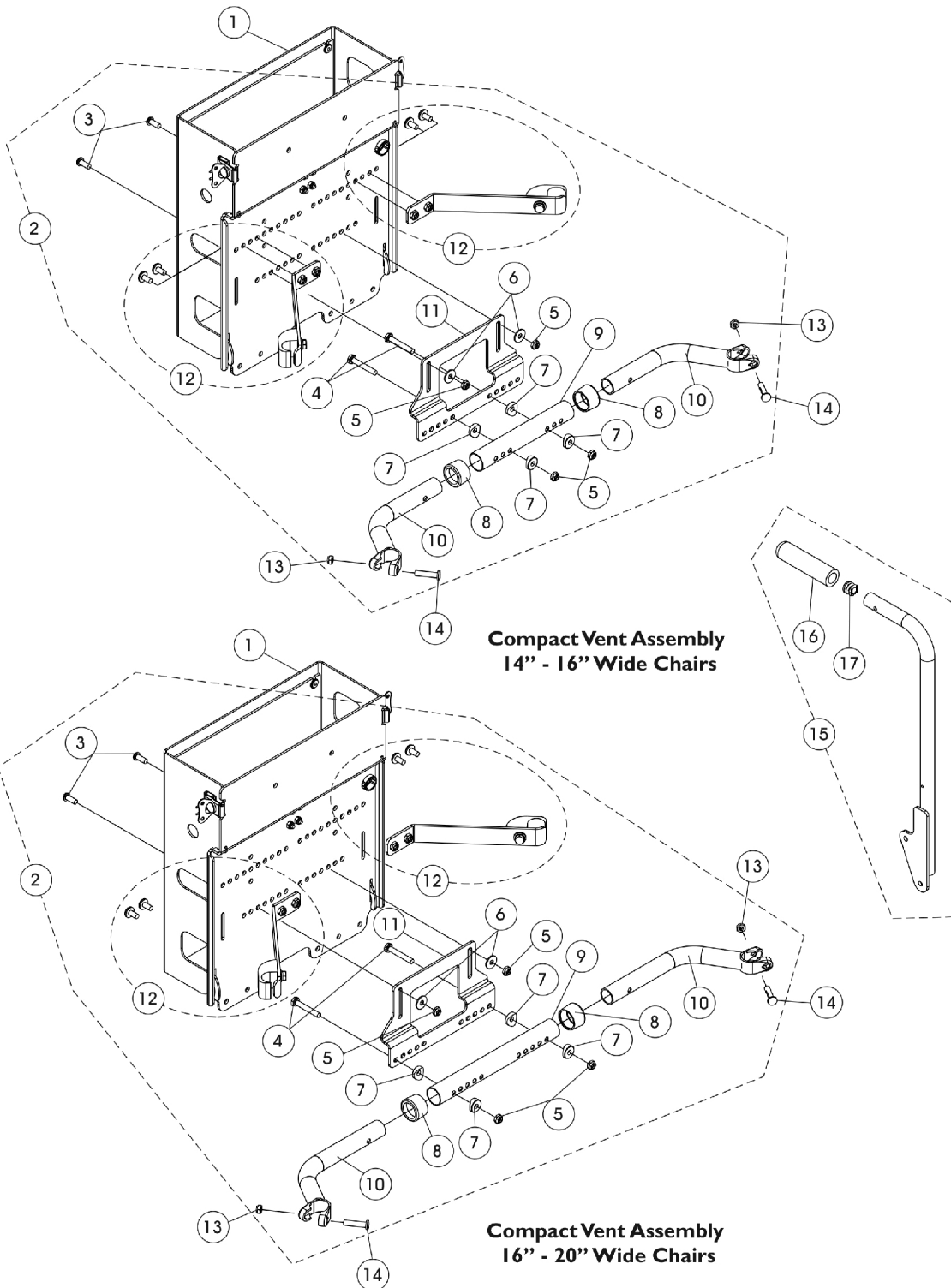
**NOTE: Please read all footnotes before ordering a Vent Tray Kit, additional components may be required. TDX SR models always use SMART Actuators. Vent Tray is excluded from TDX SP/SR model wheelchairs with TRRO option**

### Vent Tray Kit For (CGR) and (CGTR) Seating Systems (For Smart Actuators)

Item #	Description	Part Number	Qty. Per Asbly.
3.	Vent Tray Kit (Smart) & Installation Instruction Sheet See Note(s) B1, C, A, B	1154064-NLA	1
4.	Kit, Vent Tray Assembly w/o Mounting Hardware	1146329	1
5.	Kit, Vent Tray Mounting Hardware (Smart)	1153641	1
7.	Kit, Vent Battery Harness Assembly w/ Hardware	1147948	1
8.	Battery Wire Harness w/ Terminal Hardware, 3-22NF - Rear	1147135	1
9.	Battery Wire Harness w/ Terminal Hardware, 3-22NF - Front	1120362	1
10.	Battery Wire Harness w/ Terminal Hardware, 22NF - Vent	1121143	1
11.	Kit, Battery Tray Assembly, TDX SP 3-22NF For Vent	1157803	1
12.	Dark Yellow EXTRA Heavy Duty Springs See Note(s) D	1125645-NLA	2
13.	Instruction Sheet	1145758-NLA	1
14.	Front Shroud & Bracket Assembly (For 3-22NF Batteries w/ Vent Tray)	1147123-NLA	1

NOTE: A - Vent Tray is only available on a (GP24/3-22NF WIDE Battery Box Assembly) and NON-ELEVATE powered seating.  
 B - A Vent Tray Assembly always requires the 45 Degree Links. 400 lb. weight limit capacity chairs come with 45 degree links & 300 lb. weight limit capacity chairs come with 55 degree links.  
 B1 - For chairs with 55 degree links, order item 15 "Kit, Vent Link Replacement 45 Degrees & Slotted Spring Tension Pin For Formula CG".  
 C - Vent Tray Kit includes items 4, 5 and 7-14  
 D - Spring color changed from Sunny Yellow to Dark Yellow 3/22/10. It is recommended to order springs in pairs to match color and maintain equal spring tension on both sides of the wheelchair

# Compact Vent Assembly



## Compact Vent Assembly

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1162939	Compact Vent Assembly	1	1
2	B	1154127	NLA - Kit, Compact Vent Mounting Hardware (14 - 16" Wide)	1	1
3			Screw, Socket Button Head (1/4-20 x 5/8")	1	2
4			Screw, Hex Head (1/4-20 x 1-5/8")	1	2
5			Locknut (1/4-20)	1	4
6			Washer (1/4 x 23/32 x 1/16")	1	2
7			Spacer, Coved (1/4 x 11/16 x 1/2")	1	4
8			Anti-Rattle (1")	1	2
9			Tube, Spreader Bar, Adjustable (14 - 16" W)	1	1
10			Handle, Spreader Bar (14 - 16" W)	1	2
11			Bracket, Compact Vent Mounting, Black	1	1
12			Compact Vent Mounting Strap Assembly and Hardware (Pair)	2	1
2	C	1154128	NLA - Kit, Compact Vent Mounting Hardware (16 - 20" Wide)	1	1
3			Screw, Socket Button Head (1/4-20 x 5/8")	1	2
4			Screw, Hex Head (1/4-20 x 1-5/8")	1	2
5			Locknut (1/4-20)	1	2
6			Washer (1/4 x 23/32 x 1/16")	1	2
7			Spacer, Coved (1/4 x 11/16 x 1/2")	1	4
8			Anti-Rattle (1")	1	2
9			Tube, Spreader Bar, Adjustable, Black (16 - 20" W)	1	1
10			Handle, Spreader Bar (16 - 20" W)	1	2
11			Bracket, Compact Vent Mounting, Black	1	1
12			Compact Vent Mounting Strap Assembly and Hardware (Pair)	2	1
13		1025730	Locknut (5/16-24)	1	2
14		1031026	Screw w/ Lug (5/16-24 x 1-3/8")	1	2
15	D	1160743-NLA	NLA - Back Cane Assembly, w/ Short Grip, w/o 10 Degree Bend, Black - Right (18" H)	1	1
15	D	1160744-NLA	NLA - Back Cane Assembly, w/ Short Grip, w/o 10 Degree Bend, Black - Left (18" H)	1	1
16		1086460	Grip, Foam, Hand (4-1/2" L)	1	1
17		1134426	Package, Plug Button, Black (3/4")	10	1
	E	1154288-NLA	NLA - Instruction Sheet, Compact Vent Assembly Installation	1	1

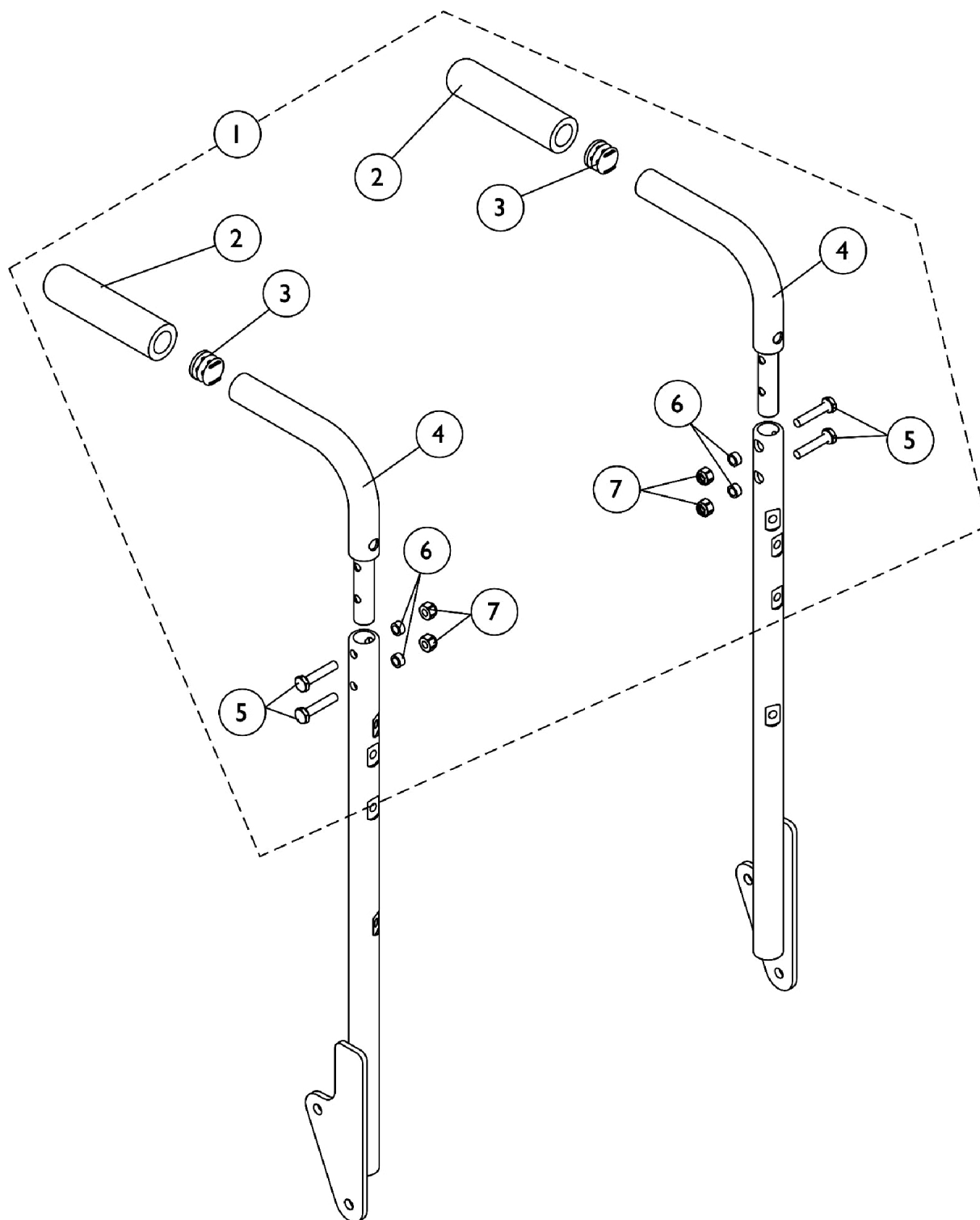
NOTE: A - The Compact Vent Assembly is sold complete. individual components are non-serviceable  
 B - Includes items 3-12 and used for 14" - 16" wide chairs  
 C - Includes items 3-12 and used for 16" - 20" wide chairs  
 D - Includes the Back Cane and items 16 and 17. The 18" High Back Cane Assembly with short grip is used when a Compact Vent Assembly is ordered  
 E - Not Shown

NOTE: When item #2 Compact Vent Mounting Hardware kit is required for 20" - 24" wide chairs, order as a "SPECIAL" order.

# Back Cane Push Handle Attachments

## Conventional Tilt Only Seating (CGT/CGTE)

**NOTE:** The Back Cane Push Handle Attachments will not attach to a Tilt and Recline Seating System with a Conventional Back



# Back Cane Push Handle Attachments

## Conventional Tilt Only Seating (CGT/CGTE)

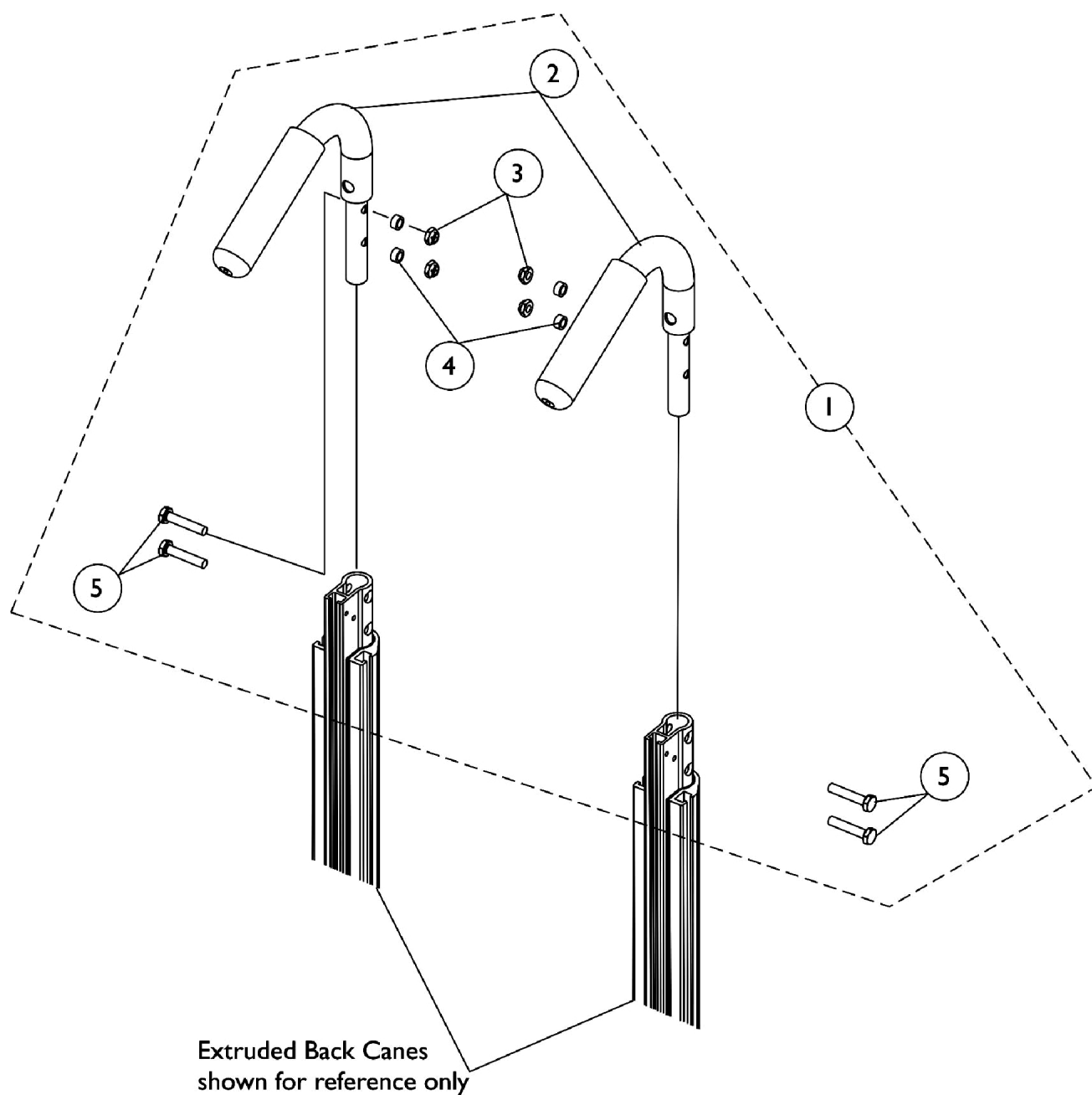
**NOTE: The Back Cane Push Handle Attachments will not attach to a Tilt and Recline Seating System with a Conventional Back**

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1133259	Kit, Back Cane Push Handle Attachments (Pair)	1	1
2			Grip, Foam, Hand (4-1/2" L)	1	2
3			Plug Button, Black (7/8")	1	2
4			Attachment, Back Cane Push Handle	1	2
5			Screw, Hex Head (1/4-20 x 1-1/4")	1	4
6			NLA - Spacer (1/4 x 3/8 x 3/16")	1	4
7			Locknut (1/4-20)	1	4
NOTE: A - Includes items 2-7.					

# Back Cane Push Handle Attachments

## Contoura Seating

**NOTE:** The Back Cane Push Handle Attachments will not assemble to a Tilt and Recline Seating System with extruded canes and Conventional Back



# Back Cane Push Handle Attachments

## Contoura Seating

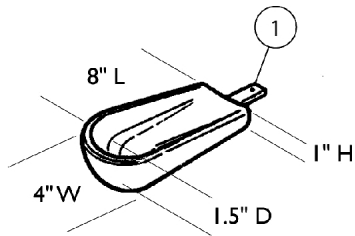
**NOTE: The Back Cane Push Handle Attachments will not assemble to a Tilt and Recline Seating System with extruded canes and Conventional Back**

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1125706	Kit, Back Cane Push Handle Attachments (Pair)	1	1
2			Attachment, Back Cane Push Handle	1	2
3			Locknut (1/4-20)	1	4
4			NLA - Spacer (1/4 x 3/8 x 3/16")	1	4
5			Screw, Hex Head (1/4-20 x 1-1/4")	1	4
NOTE: A - Includes items 2-5					

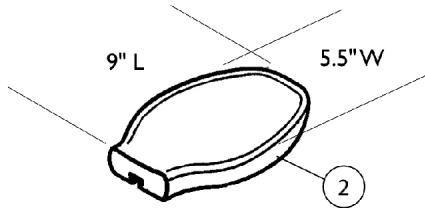
# Arm Pads

## Otto Bock

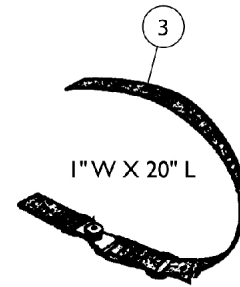
Channel Forearm Pads include all hardware and Instructions for attaching to a wheelchair or Elevating Swivel Unit. Hardware to attach a Hand Pad to the Channel Forearm Pad comes with the Channel Forearm Pad only. The Channel Forearm Pad hardware is not sold separately.



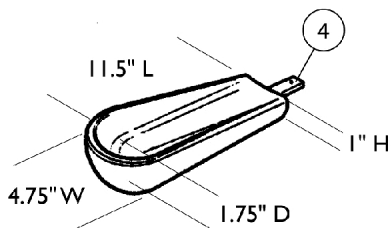
**Small Channel Forearm Pad**  
0020700 ea.



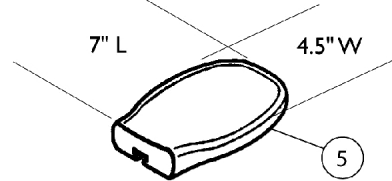
**Flat Hand Pad (Large)**  
0023000 ea.



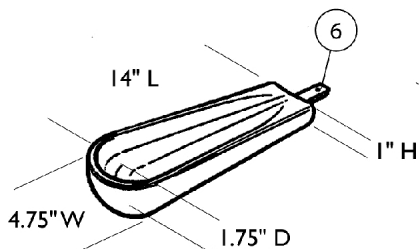
**Hand/Forearm Pad Strap Kit**  
0021700 ea.



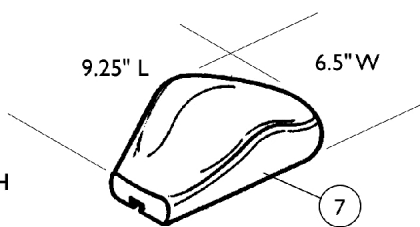
**Medium Channel Forearm Pad**  
0020600 ea.



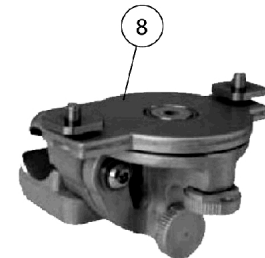
**Flat Hand Pad (Medium)**  
0023300 ea.



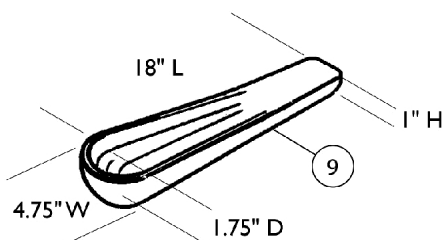
**Large Channel Forearm Pad**  
0020500 ea.



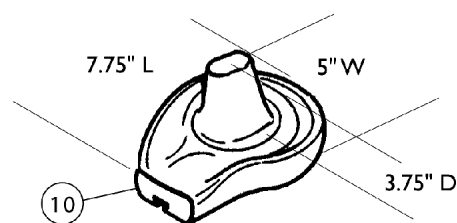
**Palm Extensor Hand Pad**  
Right 0021600  
Left 0021500



**Elevating Swivel Unit 7/8"**  
Right or Left 1166835



**One Piece Channel Forearm Pad**  
0020400 ea.



**Cone Hand Pad**  
Right 0164900  
Left 0164800

# Arm Pads

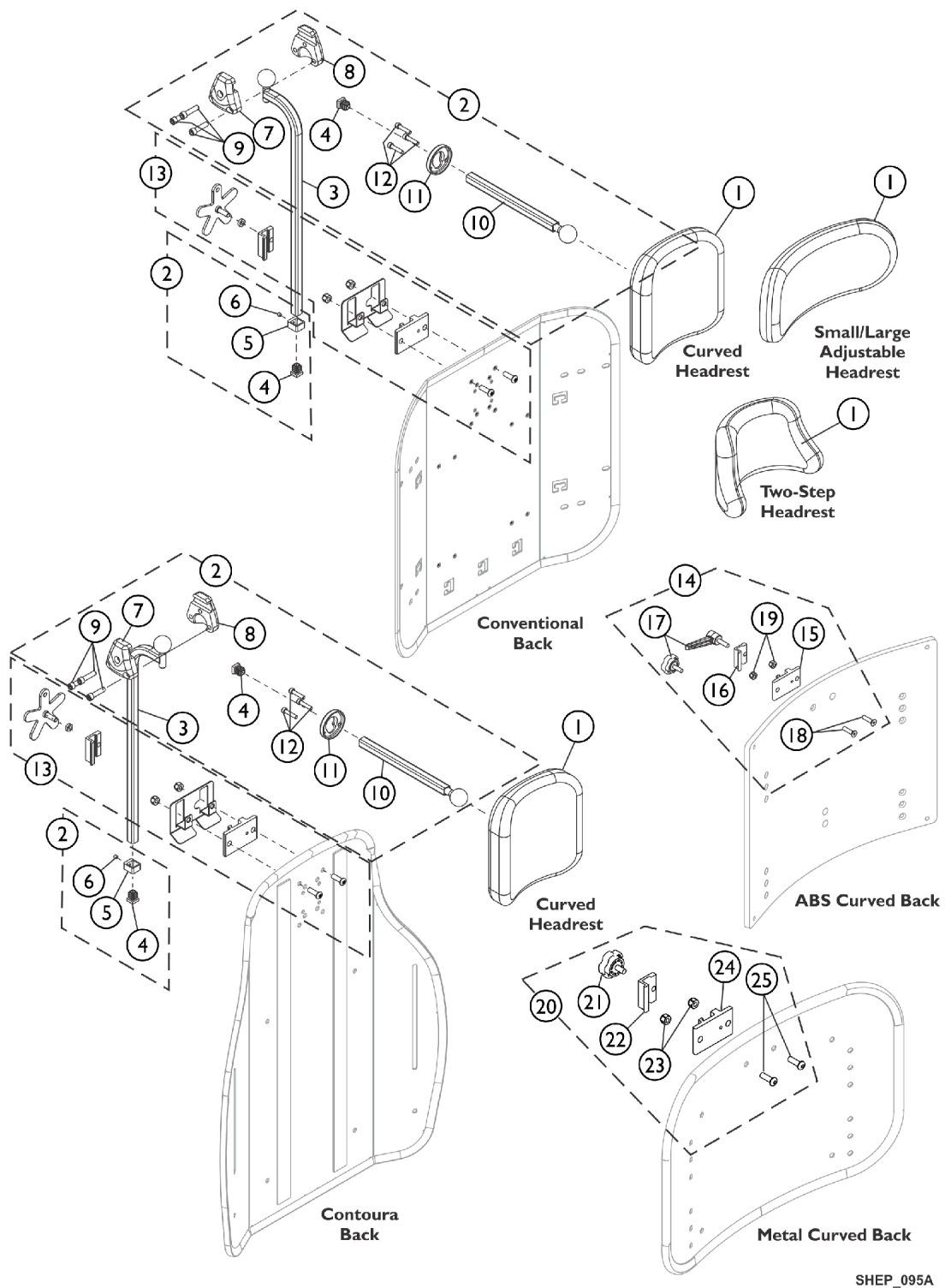
## Otto Bock

**Channel Forearm Pads include all hardware and Instructions for attaching to a wheelchair or Elevating Swivel Unit. Hardware to attach a Hand Pad to the Channel Forearm Pad comes with the Channel Forearm Pad only. The Channel Forearm Pad hardware is not sold separately.**

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		0020700-NLA	NLA - Pad, Small Channel Forearm	1	1
2		0023000-NLA	NLA - Pad, Flat Hand - Large	1	1
3		0021700-NLA	NLA - Kit, Hand/ Forearm Pad Strap	1	1
4		0020600-NLA	NLA - Pad, Medium Channel Forearm	1	1
5		0023300-NLA	NLA - Pad, Flat Hand - Medium	1	1
6		0020500-NLA	NLA - Pad, Large Channel Forearm	1	1
7		0021600-NLA	NLA - Pad, Palm Extensor Hand - Right	1	1
7		0021500-NLA	NLA - Pad, Palm Extensor Hand - Left	1	1
8	A	1166835-NLA	NLA - Unit, Elevating Swivel - Right/Left (7/8")	1	1
9		0020400-NLA	NLA - Pad, One Piece Channel Forearm	1	1
10		0164900-NLA	NLA - Pad, Cone Hand - Right	1	1
10		0164800-NLA	NLA - Pad, Cone Hand - Left	1	1

NOTE: A - 0021400 Unit, Elevating Swivel - Right (7/8") and 0021300 Unit, Elevating Swivel - Left (7/8") are replaced with part number 1166835. The new Unit can be used on the right or left side of the wheelchair.

# Headrest Support Assembly, Tarsys



SHEP\_095A

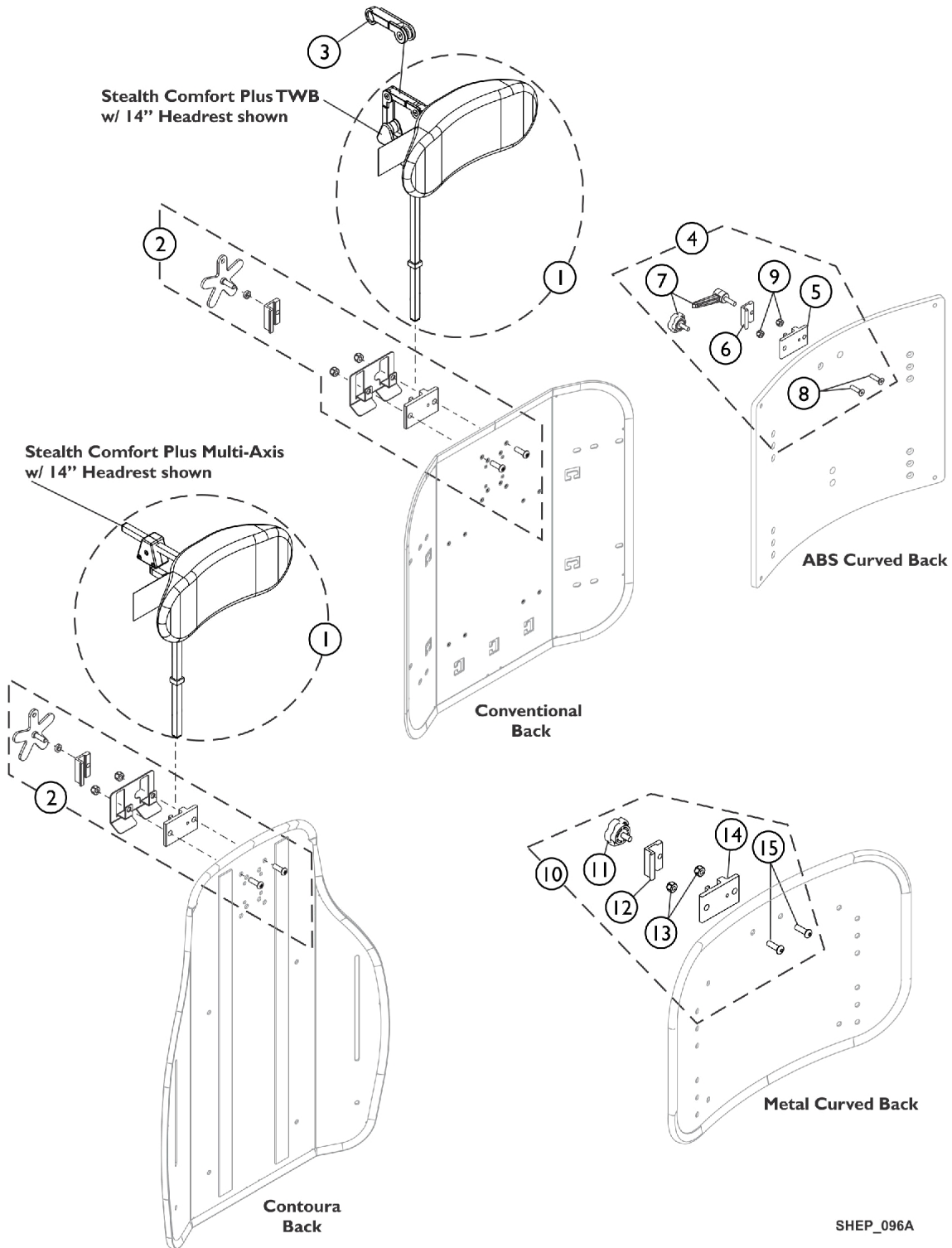
## Headrest Support Assembly, Tarsys

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		0127700	Headrest, Curved (6" W x 7" H)	1	1
1		0128000-NLA	NLA - Headrest, Two-Step (8-1/2" W x 5-1/2" H)	1	1
1		0022600	Kit, Headrest w/ Screws, Adjustable, Small, Otto Bock (9" W x 3-1/2" H)	1	1
1		0022400	Kit, Headrest w/ Screws, Adjustable, Large, Otto Bock (12" W x 6" H)	1	1
2	A	0197024	Fixture Assembly, Offset Support	1	1
3		0271524-NLA	NLA - Tube, Offset Fixture, Black	1	1
4		1077076-NLA	NLA - Plug Button, Square (1/2")	1	2
5		0271124-NLA	NLA - Collar, Offset Fixture Tube	1	1
6		0288606-NLA	NLA - Screw, Set Socket Cup Point (#10-24 x 3/16")	1	1
7		0271224	Half Clamp, Non-Threaded Holes	1	1
8		0271324	Half Clamp, Threaded Holes	1	1
9		1027268	Screw, Allen Head (1/4-20 x 1")	1	3
10		0271424-NLA	NLA - Tube, Fixture Adjustment	1	1
11		0283724-NLA	NLA - Ring, Fixture Clamp	1	1
12		0067006-NLA	NLA - Screw, Cap, Socket Head (#10-32 x 1/2")	1	3
13	B	1124686	Kit, Headrest Mounting Hardware	1	1
14	F,C,G	0273100	Kit, Headrest Clamp, Lever Style	1	1
15	D	0237422-NLA	NLA - Clamp, Small Bottom Half	1	1
16	D	0237522-NLA	NLA - Clamp, Small Top Half	1	1
17		1072439-NLA	NLA - Knob, Adjustment, Black (3/4" L Threads)	1	1
18		0288706-NLA	NLA - Screw, Socket, Flat Head (1/4-20 x 1")	1	2
19		1025736	Locknut (1/4-20)	1	2
20	E	1160332	Kit, Headrest Clamp, Knob Style	1	1
21		1072439-NLA	NLA - Knob, Adjustment, Black (3/4" L Threads)	1	1
22	D	0237522-NLA	NLA - Clamp, Small Top Half	1	1
23		1025736	Locknut (1/4-20)	1	2
24	D	0237422-NLA	NLA - Clamp, Small Bottom Half	1	1
25		1009838	Screw, Socket Button (1/4-20 x 3/4")	1	2

NOTE: A - Includes items 3-12  
 B - Individual components are not available. The Headrest Mounting Hardware Kit was revised to include a Wire Guard Bracket and is used for Conventional and Contoura Backs. The Headrest Mounting Hardware Kit is also backward compatible in the field.  
 C - Includes items 15-19. Used for ABS Plastic Curved Backs and double spreader bar applications as well.  
 D - Clamp is no longer available individually. See Headrest Clamp Mounting Hardware Kit item 14 or 20 depending on Back Style.  
 E - Includes items 21-25. Used on Metal Curved Backs. Hardware can also be used with an Invacare PCS Back.  
 F - Item 17 Adjustment Knob was replaced with an Adjustment Lever. The Lever is not available as a separate part. The knob Part # 1072439 is interchangeable with the Lever.  
 G - Hardware can also be used with an Invacare Personal Back.

# Headrest Support Assembly, Stealth

## CP175/CP275/CP180/CP280



## Headrest Support Assembly, Stealth

### CP175/CP275/CP180/CP280

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A,J	1127408-NLA	NLA - Kit, Headrest 10" TWB Comfort Plus Stealth (CP280)	1	1
1	A,J	1127409-NLA	NLA - Kit, Headrest 14" TWB Comfort Plus Stealth (CP180)	1	1
1	A,J	1127410-NLA	NLA - Kit, Headrest 10" Multi-Axis Comfort Plus Stealth (CP275)	1	1
1	A,J	1127411-NLA	NLA - Kit, Headrest 14" Multi-Axis Comfort Plus Stealth (CP175)	1	1
2	C	1124686	Kit, Headrest Mounting Hardware	1	1
3	C,D	1127414	Kit, Link Extension Stealth	1	1
4	B,G,H,I	0273100	Kit, Headrest Clamp, Lever Style	1	1
5	E	0237422-NLA	NLA - Clamp, Small Bottom Half	1	1
6	E	0237522-NLA	NLA - Clamp, Small Top Half	1	1
7		1072439-NLA	NLA - Knob, Adjustment, Black (3/4" L Threads)	1	1
8		0288706-NLA	NLA - Screw, Socket, Flat Head (1/4-20 x 1")	1	2
9		1025736	Locknut (1/4-20)	1	2
10	F	1160332	Kit, Headrest Clamp, Knob Style	1	1
11		1072439-NLA	NLA - Knob, Adjustment, Black (3/4" L Threads)	1	1
12	E	0237522-NLA	NLA - Clamp, Small Top Half	1	1
13		1025736	Locknut (1/4-20)	1	2
14	E	0237422-NLA	NLA - Clamp, Small Bottom Half	1	1
15		1009838	Screw, Socket Button (1/4-20 x 3/4")	1	2

**NOTE:** A - The mounting hardware will contain a lever and star knob tightening device. Disregard the lever that is provided standard by stealth and use the star knob designed for the Formula TRE systems.

B - Includes items 5-9. Used for ABS Plastic Curved Backs and double spreader bar applications as well.

C - Individual components are not available. The Headrest Mounting Hardware Kit was revised to include a Wire Guard Bracket and is used for Conventional and Contoura Backs. The Headrest Mounting Hardware Kit is also backward compatible in the field.

D - The Stealth Link Extension used on the Stealth Comfort Plus TWB models only

E - Clamp is no longer available individually. See Headrest Clamp Mounting Hardware Kit item 4 or 10 depending on Back Style.

F - Includes items 11-15. Used for Metal Curved Backs. Hardware can also be used with an Invacare/Matrx PCS Back.

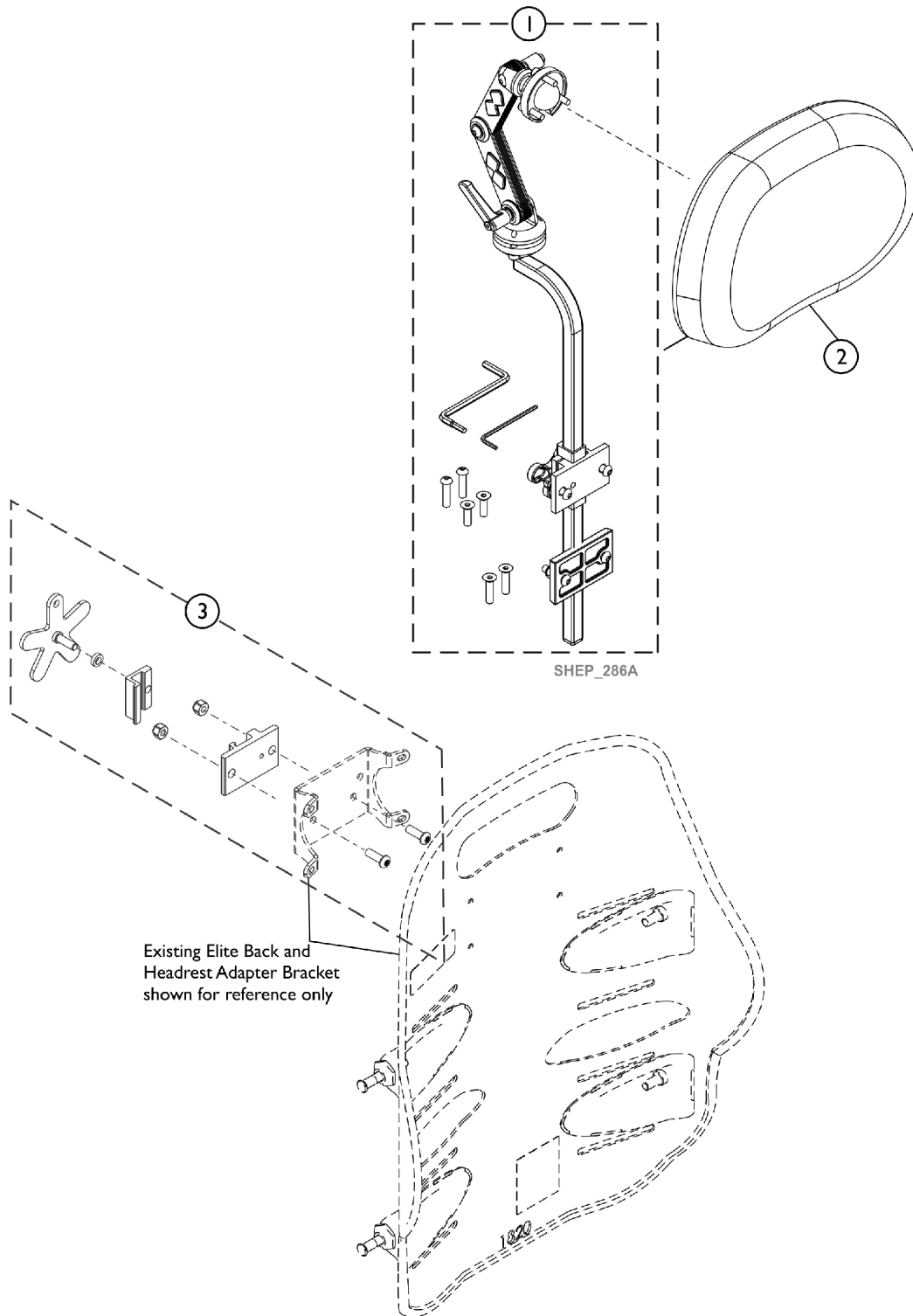
G - Item 7 Adjustment Knob was replaced with an Adjustment Lever. The Lever is not available as a separate part. The knob Part # 1072439 is interchangeable with the Lever.

H - Hardware can also be used with an Invacare/Matrx Personal Back, Matrx PB Posture Back and Matrx Elite Backs.

I - For Matrx Elite Backs, item #4 Headrest Clamp Kit attaches to an Adapter Plate that is only included with the Adapter Plate Kit model numbers EHRA-S, EHRA-M or EHRA-L. Refer to the Matrx Rehab Seating and Positioning Pricelist for additional information.

J - Stealth Headrest No Longer Available. See page titled "Headrest Support Assembly - Matrx Elan MEHSP-10, 14" for replacement.

# Headrest Support Assembly - Matrix Elan (MEHSP-6, 10,14)

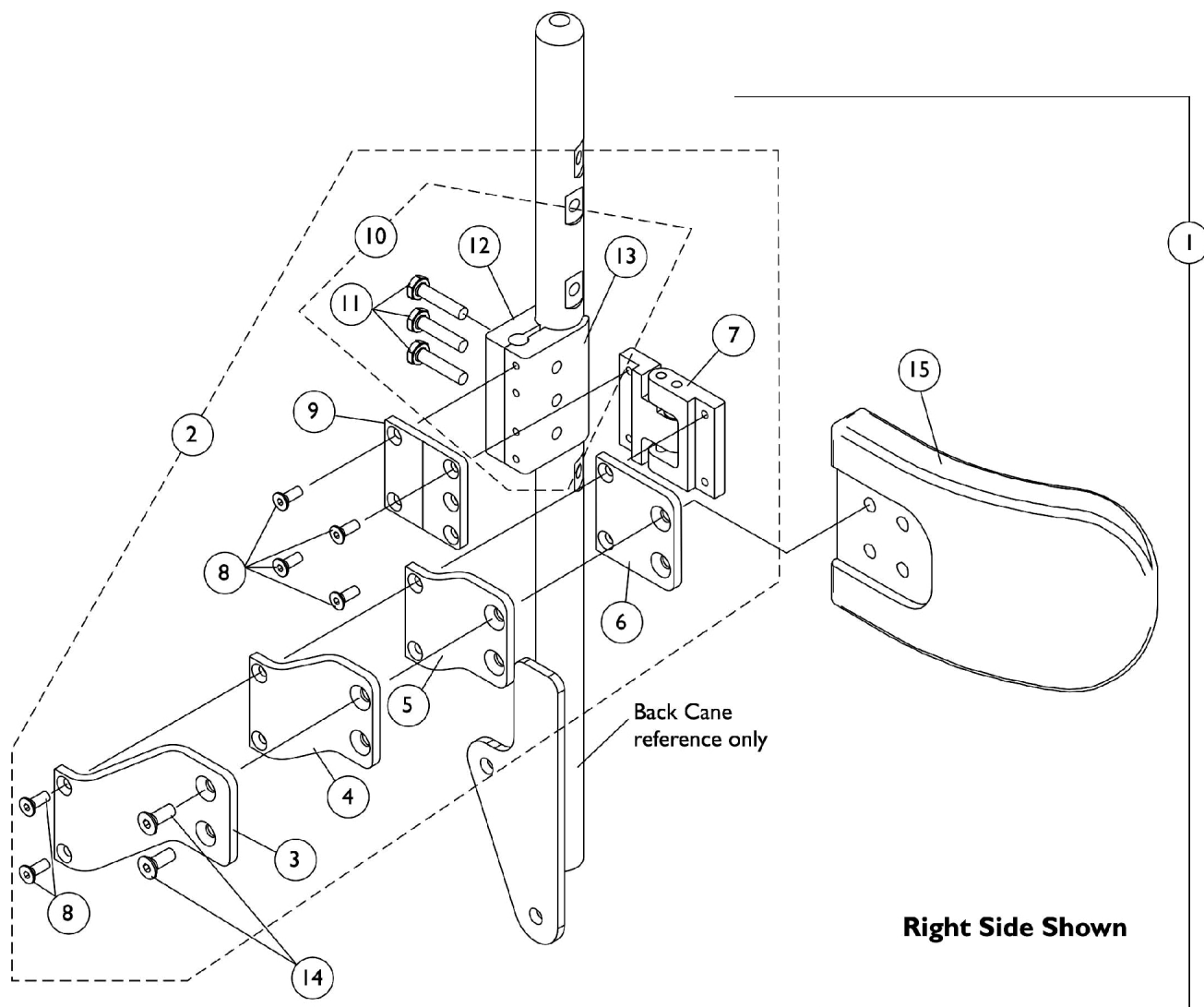


## Headrest Support Assembly - Matrx Elan (MEHSP-6, 10,14)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	60102826	Kit, Elan Multi-Axis Articulating Headrest Mounting Hardware	1	1
2	B	60102825	Kit, Matrx Elan Standard Headrest Pad (6" W)	1	1
2	C	60102830	Kit, Matrx Elan Standard Headrest Pad (10" W)	1	1
2	D	60102833	Kit, Matrx Elan Standard Headrest Pad (14" W)	1	1
3	E	60104861	Kit, Headrest Mounting Hardware	1	1
NOTE: A - For model MEMAH B - For model MEHSP-6 C - For model MEHSP-10 D - For model MEHSP-14 E - Item #3 used for Elite Back Assembly					

# Lateral Support Assembly, Tarsys TMSLM/TMSLL

## Curved Back (CGT/CGTE) & (CGT/CGTE) w/ BPO Option



# Lateral Support Assembly, Tarsys TMSLM/TMSLL

## Curved Back (CGT/CGTE) & (CGT/CGTE) w/ BPO Option

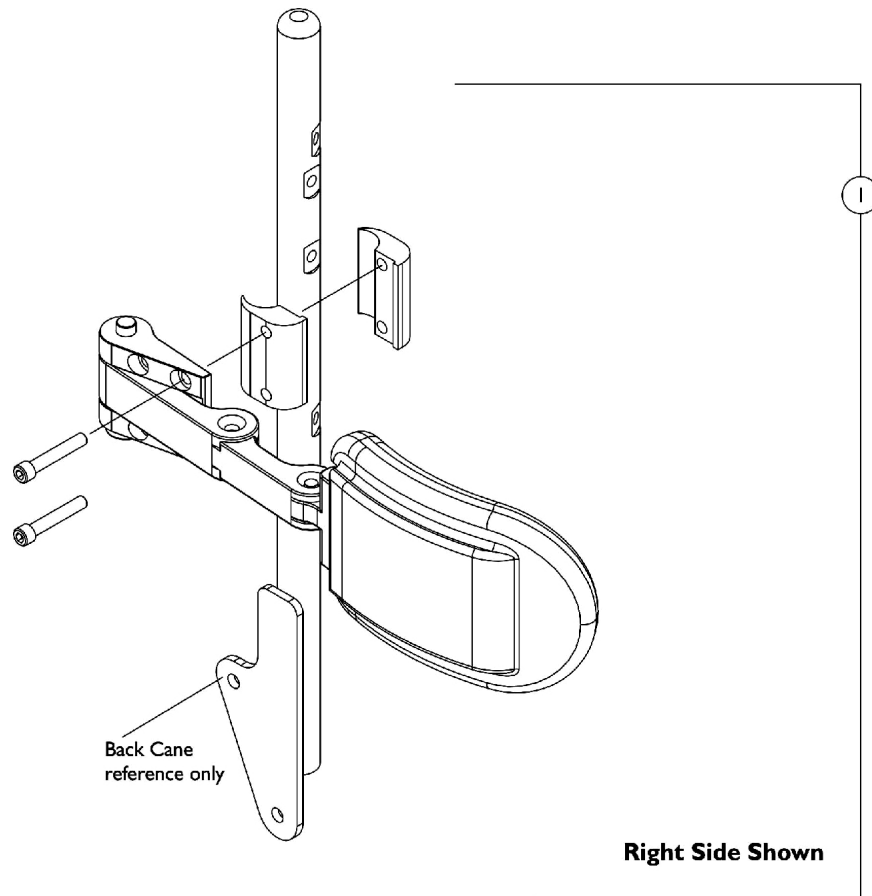
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1107298	Kit, Swingaway Lateral Support Assemblies w/ Medium Pads (Pair)	1	1
3			Bracket, Extension Offset, Black (2")	1	2
4			NLA - Bracket, Extension Offset, Black (1")	1	2
5			NLA - Bracket, Extension Offset, Black (1/2")	1	2
6			Bracket, Flush Mount, Black	1	2
7			NLA - Bracket, Swingaway, Cane Clamp, Black - Right	1	1
7			NLA - Bracket, Swingaway, Cane Clamp, Black - Left	1	1
8			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	12
9			NLA - Bracket, Mounting, Black	1	2
11			NLA - Screw, Hex Head (1/4-20 x 1-1/8")	1	6
12			Half Clamp, Non-Threaded Holes	1	2
13			NLA - Half Clamp, Threaded Holes	1	2
14			Screw, Socket Flat Head (1/4-20 x 1/2")	1	4
15			Pad, Lateral Support - Medium (6" W x 4" H)	1	2
1	A	1107299	Kit, Swingaway Lateral Support Assemblies w/ Large Pads (Pair)	1	1
3			Bracket, Extension Offset, Black (2")	1	2
4			NLA - Bracket, Extension Offset, Black (1")	1	2
5			NLA - Bracket, Extension Offset, Black (1/2")	1	2
6			Bracket, Flush Mount, Black	1	2
7			NLA - Bracket, Swingaway, Cane Clamp, Black - Right	1	1
7			NLA - Bracket, Swingaway, Cane Clamp, Black - Left	1	1
8			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	12
9			NLA - Bracket, Mounting, Black	1	2
11			NLA - Screw, Hex Head (1/4-20 x 1-1/8")	1	6
12			Half Clamp, Non-Threaded Holes	1	2
13			NLA - Half Clamp, Threaded Holes	1	2
14			Screw, Socket Flat Head (1/4-20 x 1/2")	1	4
15			Pad, Lateral Support - Large (6" W x 5" H)	1	2
2	B	1107245	Kit, Swingaway Bracket Assembly with Offset Brackets, Cane Clamp - Right	1	1
3			Bracket, Extension Offset, Black (2")	1	1
4			NLA - Bracket, Extension Offset, Black (1")	1	1
5			NLA - Bracket, Extension Offset, Black (1/2")	1	1
6			Bracket, Flush Mount, Black	1	1
7			NLA - Bracket, Swingaway, Cane Clamp, Black - Right	1	1
8			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	6
9			NLA - Bracket, Mounting, Black	1	1
11			NLA - Screw, Hex Head (1/4-20 x 1-1/8")	1	3

# Lateral Support Assembly, Tarsys TMSLM/TMSLL

## Curved Back (CGT/CGTE) & (CGT/CGTE) w/ BPO Option

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
12	B	1107246	Half Clamp, Non-Threaded Holes	1	1
13			NLA - Half Clamp, Threaded Holes	1	1
2			Kit, Swingaway Bracket Assembly with Offset Brackets, Cane Clamp - Left	1	1
3			Bracket, Extension Offset, Black (2")	1	1
4			NLA - Bracket, Extension Offset, Black (1")	1	1
5			NLA - Bracket, Extension Offset, Black (1/2")	1	1
6			Bracket, Flush Mount, Black	1	1
7			NLA - Bracket, Swingaway, Cane Clamp, Black - Left	1	1
8			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	6
9			NLA - Bracket, Mounting, Black	1	1
11	C	1107117	NLA - Screw, Hex Head (1/4-20 x 1-1/8")	1	3
12			Half Clamp, Non-Threaded Holes	1	1
13			NLA - Half Clamp, Threaded Holes	1	1
10			Kit, Lateral Support Mounting Hardware	1	1
11			NLA - Screw, Hex Head (1/4-20 x 1-1/8")	1	3
12			Half Clamp, Non-Threaded Holes	1	1
13			NLA - Half Clamp, Threaded Holes	1	1
NOTE: A - Includes items 3-9 and 11-15 B - Includes items 3-9 and 11-13 C - Includes items 11-13					

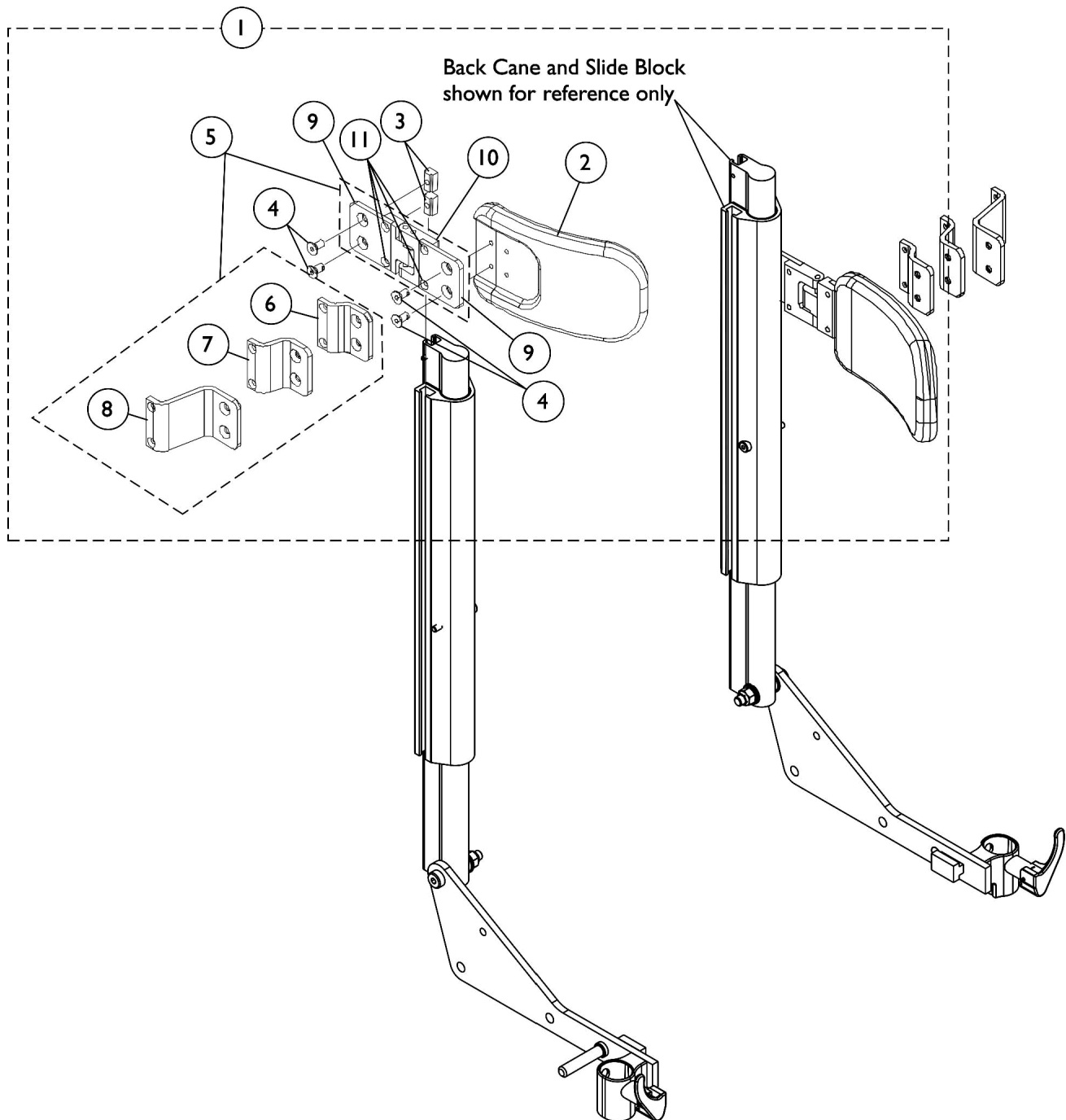
# Lateral Support Assembly, Stealth TWB-RPR/TWB-RPRL Curved Back (CGT/CGTE) & (CGT/CGTE) w/ BPO Option



Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1125826	Kit, Swingaway Lateral Support Assemblies w/ Medium Pads (5" W x 3" H), Stealth (TWB-RPR) (Pair)	1	1
1	A	1125823-NLA	NLA - Kit, Swingaway Lateral Support Assemblies w/ Large Pads (6" W x 4" H), Stealth (TWB-RPRL) (Pair)	1	1

NOTE: A - Individual components are not available

# Lateral Support Assembly, Tarsys TMSLM/TMSLL For Conventional (CGR/CGTR/CGTRE) & (CGR) w/ BPO Option



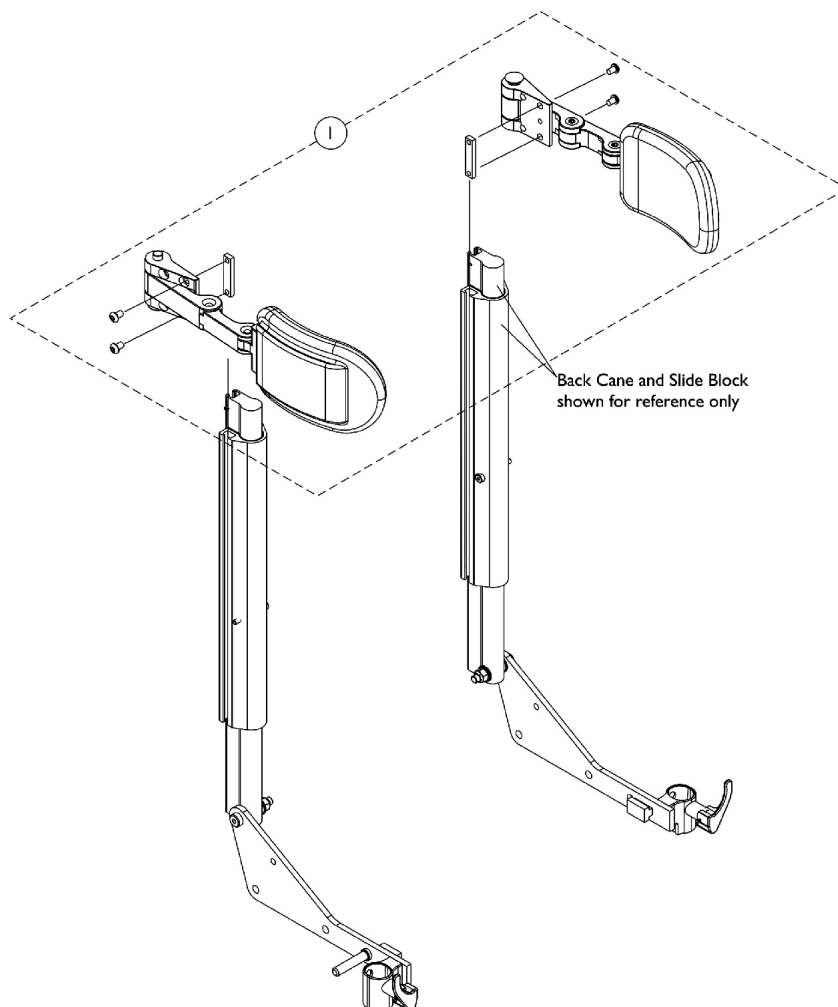
# Lateral Support Assembly, Tarsys TMSLM/TMSLL

## For Conventional (CGR/CGTR/CGTRE) & (CGR) w/ BPO Option

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1090200	Kit, Swingaway Lateral Support Assembly w/ Medium Pads (Pair)	2	1
2			Pad, Lateral Support - Medium (6" W x 4" H)	1	2
3			T-Nut (1/4-20)	1	4
4			Screw, Socket Flat Head (1/4-20 x 1/2")	1	8
6			NLA - Bracket, Extension Offset, Black (1/2")	1	2
7			NLA - Bracket, Extension Offset, Black (1")	1	2
8			Bracket, Extension Offset, Black (2")	1	2
9			Bracket, Flush Mount, Black	1	4
10			Bracket, Swingaway - Right	1	1
10			NLA - Bracket, Swingaway - Left	1	1
11			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	8
1	A	1090201	Kit, Swingaway Lateral Support Assembly w/ Large Pads (Pair)	2	1
2			Pad, Lateral Support - Large (6" W x 5" H)	1	2
3			T-Nut (1/4-20)	1	4
4			Screw, Socket Flat Head (1/4-20 x 1/2")	1	8
6			NLA - Bracket, Extension Offset, Black (1/2")	1	2
7			NLA - Bracket, Extension Offset, Black (1")	1	2
8			Bracket, Extension Offset, Black (2")	1	2
9			Bracket, Flush Mount, Black	1	4
10			Bracket, Swingaway - Right	1	1
10			NLA - Bracket, Swingaway - Left	1	1
11			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	8
5	B	1090198	Kit, Swingaway Bracket Assembly w/ Offset Brackets - Right	1	1
6			NLA - Bracket, Extension Offset, Black (1/2")	1	1
7			NLA - Bracket, Extension Offset, Black (1")	1	1
8			Bracket, Extension Offset, Black (2")	1	1
9			Bracket, Flush Mount, Black	1	2
10			Bracket, Swingaway - Right	1	1
11			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	4
5	B	1090199	Kit, Swingaway Bracket Assembly w/ Offset Brackets - Left	1	1
6			NLA - Bracket, Extension Offset, Black (1/2")	1	1
7			NLA - Bracket, Extension Offset, Black (1")	1	1
8			Bracket, Extension Offset, Black (2")	1	1
9			Bracket, Flush Mount, Black	1	2
10			NLA - Bracket, Swingaway - Left	1	1
11			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	4

NOTE: A - Includes items 2-4 and 6-11  
B - Includes items 6-11

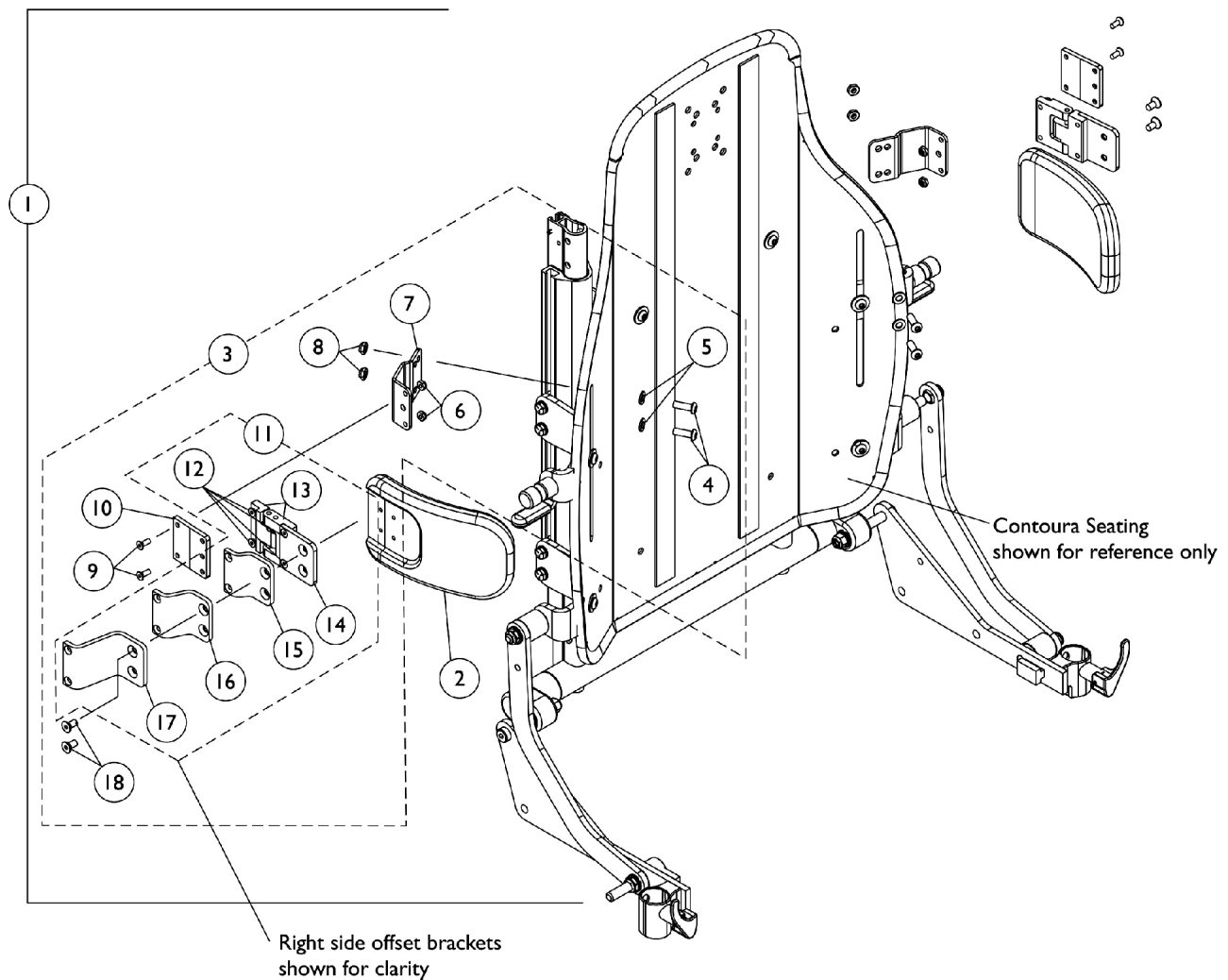
# Lateral Support Assembly, Stealth TWB-TPR/TWB-TPRL Conventional (CGR/CGTR/CGTRE) & (CGR) w/ BPO Option



Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1125825	Kit, Swingaway Lateral Support Assembly w/ Medium Pads (5" W x 3" H), Stealth (TWB-TPR) (Pair)	2	1
1	A	1125821	Kit, Swingaway Lateral Support Assembly w/ Large Pads (6" W x 4" H), Stealth (TWB-TPRL) (Pair)	2	1

NOTE: A - Individual components are not available

# Lateral Support Assembly, Tarsys CSLM/CSLL Contoura Seating



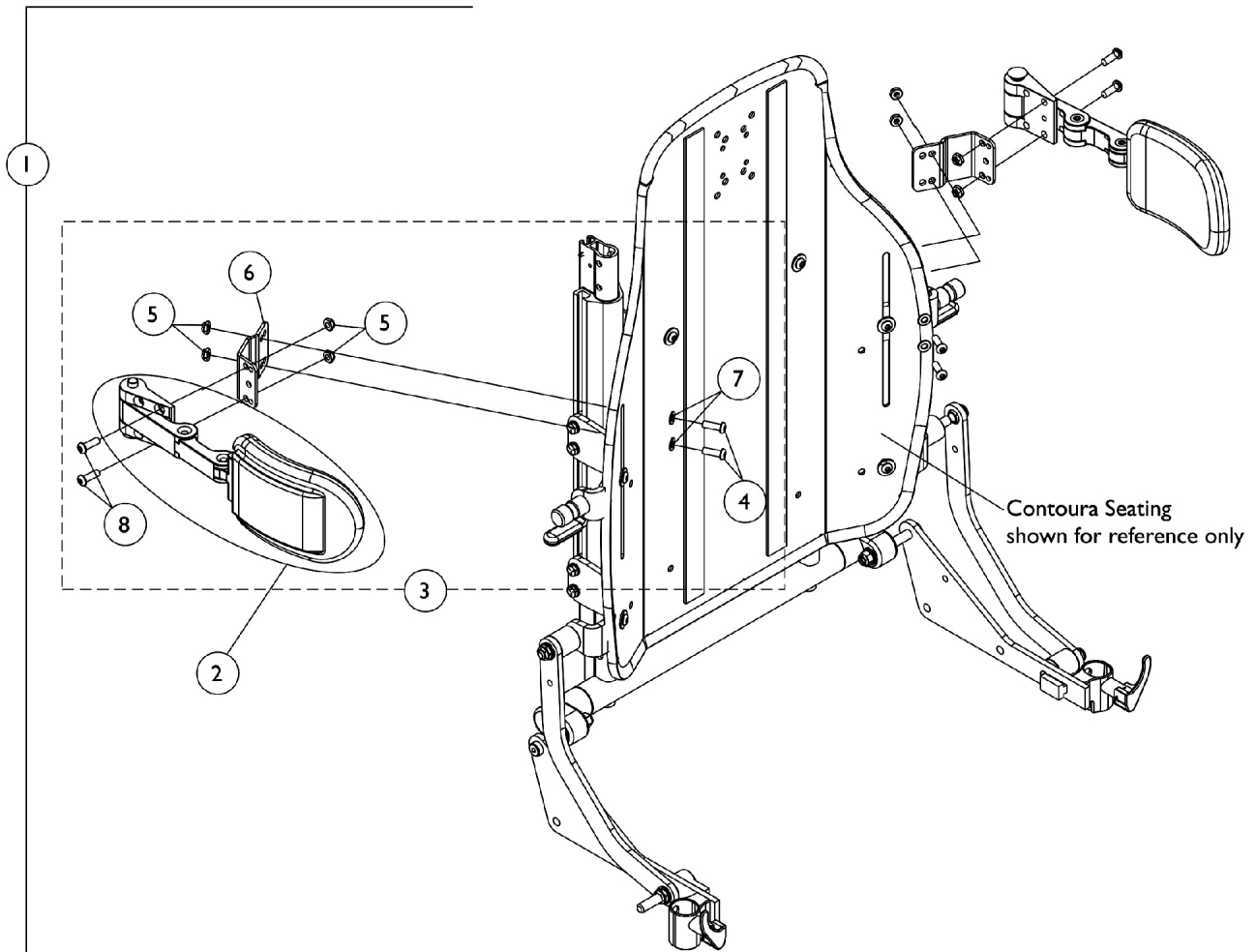
## Lateral Support Assembly, Tarsys CSLM/CSLL Contoura Seating

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1128353	Kit, Lateral Support Assemblies w/ Medium Pads (Pair)	1	1
2			Pad, Lateral Support - Medium (6" W x 4" H)	1	2
4			Screw, Socket Button (1/4-20 x 3/4")	1	4
5			Washer (1/4 x 1/2 x 1/16")	1	4
6			Locknut (#10-32)	1	4
7			Bracket, Positioning Strap, Black	1	2
8			Locknut (1/4-20)	1	4
9			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	4
10			NLA - Bracket, Mounting, Black	1	2
12			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	4
13			Bracket, Swingaway - Right	1	1
13			NLA - Bracket, Swingaway - Left	1	1
14			Bracket, Flush Mount, Black	1	2
15			NLA - Bracket, Extension Offset, Black (1/2")	1	2
16			NLA - Bracket, Extension Offset, Black (1")	1	2
17			Bracket, Extension Offset, Black (2")	1	2
18			Screw, Socket Flat Head (1/4-20 x 1/2")	1	4
1	A	1128354	Kit, Lateral Support Assemblies w/ Large Pads (Pair)	1	1
2			Pad, Lateral Support - Large (6" W x 5" H)	1	2
4			Screw, Socket Button (1/4-20 x 3/4")	1	4
5			Washer (1/4 x 1/2 x 1/16")	1	4
6			Locknut (#10-32)	1	4
7			Bracket, Positioning Strap, Black	1	2
8			Locknut (1/4-20)	1	4
9			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	4
10			NLA - Bracket, Mounting, Black	1	2
12			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	4
13			Bracket, Swingaway - Right	1	1
13			NLA - Bracket, Swingaway - Left	1	1
14			Bracket, Flush Mount, Black	1	2
15			NLA - Bracket, Extension Offset, Black (1/2")	1	2
16			NLA - Bracket, Extension Offset, Black (1")	1	2
17			Bracket, Extension Offset, Black (2")	1	2
18			Screw, Socket Flat Head (1/4-20 x 1/2")	1	4
3	B	1125780	Kit, Lateral Support Mounting Hardware (Pair)	1	1
4			Screw, Socket Button (1/4-20 x 3/4")	1	4
5			Washer (1/4 x 1/2 x 1/16")	1	4
6			Locknut (#10-32)	1	4
7			Bracket, Positioning Strap, Black	1	2
8			Locknut (1/4-20)	1	4
9			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	4

# Lateral Support Assembly, Tarsys CSLM/CSLL Contoura Seating

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
10			NLA - Bracket, Mounting, Black	1	2
12			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	4
13			Bracket, Swingaway - Right	1	1
13			NLA - Bracket, Swingaway - Left	1	1
14			Bracket, Flush Mount, Black	1	2
15			NLA - Bracket, Extension Offset, Black (1/2")	1	2
16			NLA - Bracket, Extension Offset, Black (1")	1	2
17			Bracket, Extension Offset, Black (2")	1	2
18			Screw, Socket Flat Head (1/4-20 x 1/2")	1	4
11	C	1090198	Kit, Swingaway Bracket Assembly w/ Offset Brackets - Right	1	1
12			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	4
13			Bracket, Swingaway - Right	1	1
14			Bracket, Flush Mount, Black	1	2
15			NLA - Bracket, Extension Offset, Black (1/2")	1	1
16			NLA - Bracket, Extension Offset, Black (1")	1	1
17			Bracket, Extension Offset, Black (2")	1	1
11	C	1090199	Kit, Swingaway Bracket Assembly w/ Offset Brackets - Left	1	1
12			NLA - Screw, Socket Flat Head (#10-32 x 1/2")	1	4
13			NLA - Bracket, Swingaway - Left	1	1
14			Bracket, Flush Mount, Black	1	2
15			NLA - Bracket, Extension Offset, Black (1/2")	1	1
16			NLA - Bracket, Extension Offset, Black (1")	1	1
17			Bracket, Extension Offset, Black (2")	1	1
NOTE: A - Includes items 2, 4-10 and 12-18 B - Includes items 4-10 and 12-18 C - Includes items 12-17					

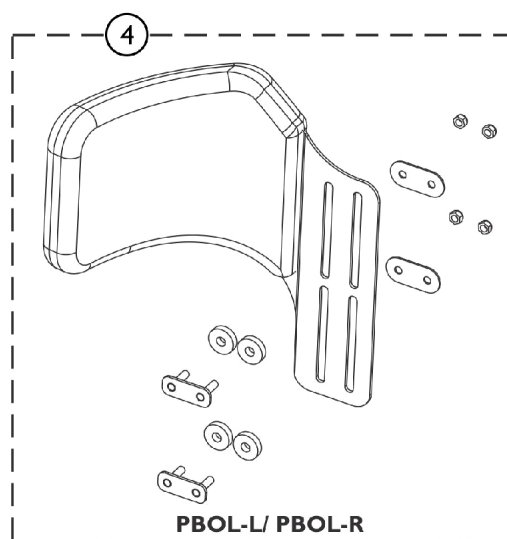
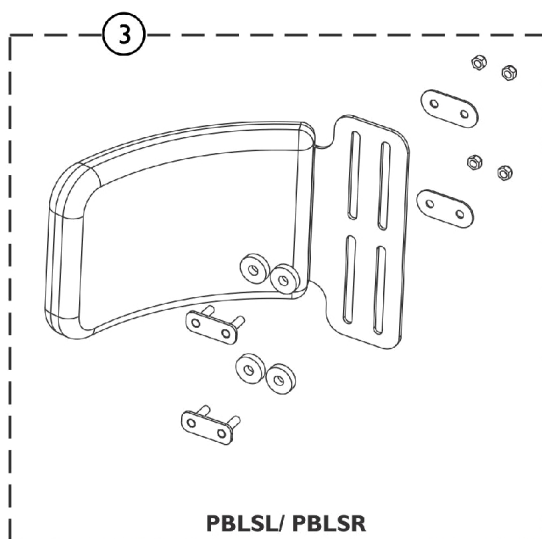
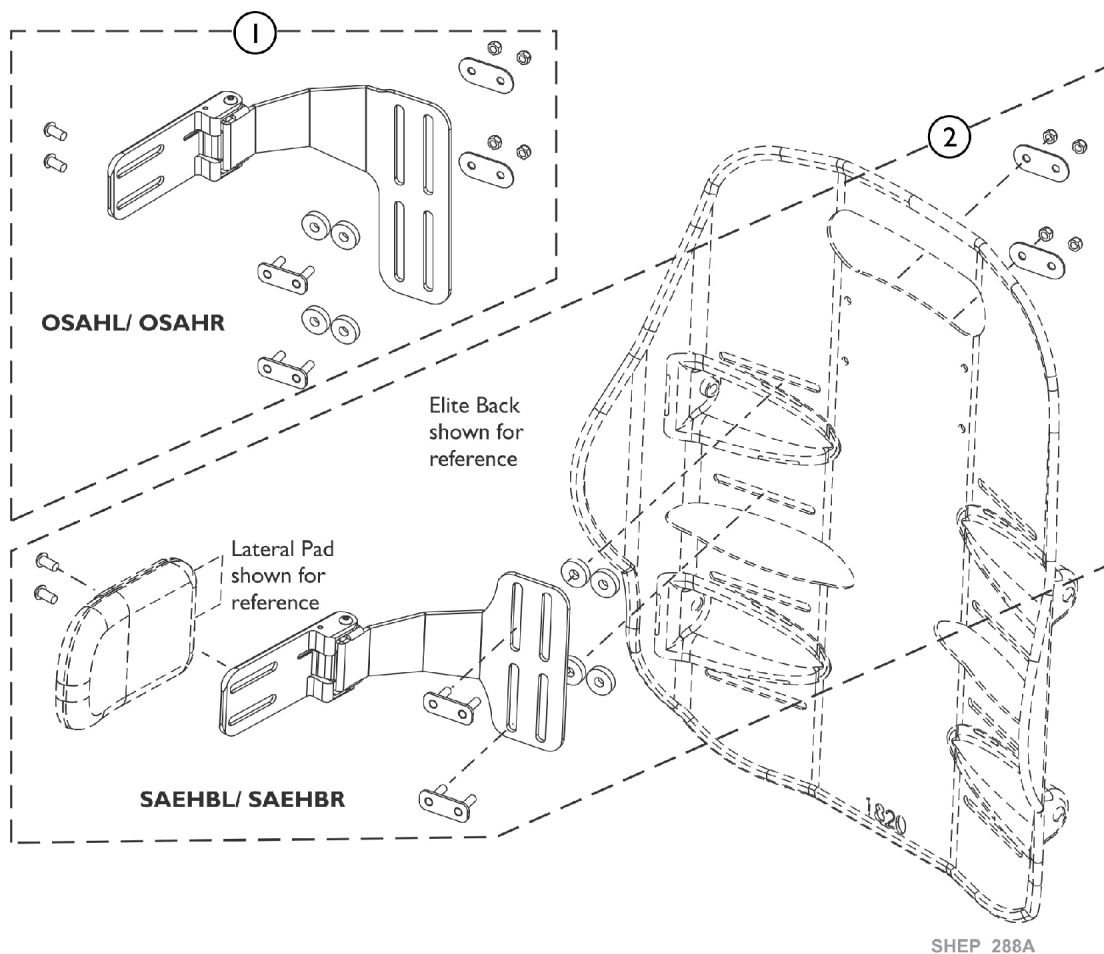
# Lateral Support Assembly, Stealth TWB-CPR/TWB-CPRL Contoura Seating



# Lateral Support Assembly, Stealth TWB-CPR/TWB-CPRL Contoura Seating

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1128734	Kit, Swingaway Lateral Support Assemblies w/ Medium Pads (5" W x 3" H), Stealth (Pair)	1	1
2			Support, Swingaway Lateral w/ Medium Pads (5" W x 3" H), Stealth (TWB-CPR)	2	1
4			Screw, Socket Button (1/4-20 x 3/4")	1	4
5			Locknut (1/4-20)	1	8
6			Bracket, Positioning Strap, Black	1	2
7			Washer (1/4 x 1/2 x 1/16")	1	4
8			NLA - Screw, Socket Button Head (1/4-20 x 1/2")	1	4
1			A	1128735	Kit, Swingaway Lateral Support Assemblies w/ Large Pads (6" W x 4" H), Stealth (Pair)
2	Support, Swingaway Lateral w/ Large Pads (6" W x 4" H), Stealth (TWB-CPRL)	2			1
4	Screw, Socket Button (1/4-20 x 3/4")	1			4
5	Locknut (1/4-20)	1			8
6	Bracket, Positioning Strap, Black	1			2
7	Washer (1/4 x 1/2 x 1/16")	1			4
8	NLA - Screw, Socket Button Head (1/4-20 x 1/2")	1			4
3	B	1128733			Kit, Swingaway Lateral Support Mounting Hardware, Stealth (Pair)
4			Screw, Socket Button (1/4-20 x 3/4")	1	4
5			Locknut (1/4-20)	1	8
6			Bracket, Positioning Strap, Black	1	2
7			Washer (1/4 x 1/2 x 1/16")	1	4
8			NLA - Screw, Socket Button Head (1/4-20 x 1/2")	1	4
NOTE: A - Includes items 2 and 4-8 B - Includes items 4-8					

# Matrix Fixed/ Swing Away Lateral Hardware, Standard and Offset, Elite Back (PBLSL/R) (PBOL-L/R) (SAEHBL/R) (OS AHL/R)

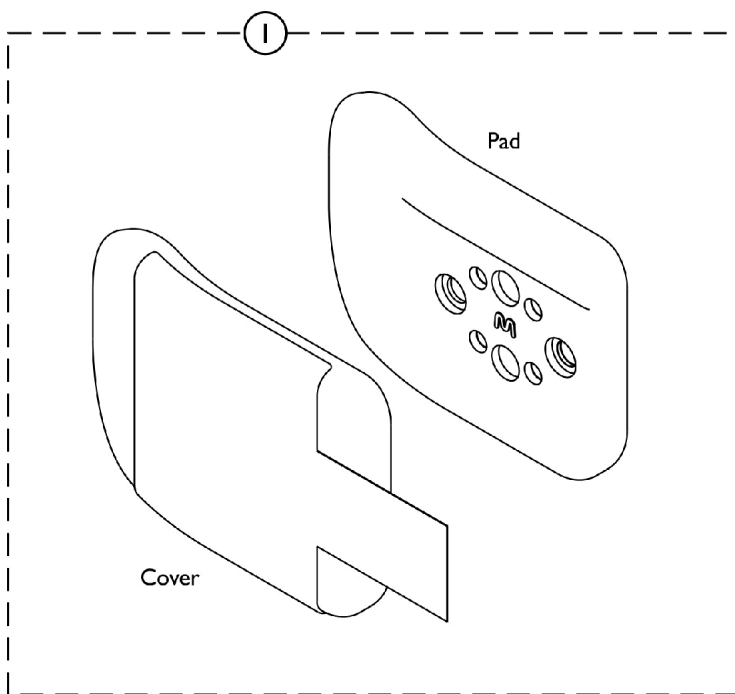


# **Matrx Fixed/ Swing Away Lateral Hardware, Standard and Offset, Elite Back** **(PBLSL/R) (PBOL-L/R) (SAEHBL/R) (OSAHL/R)**

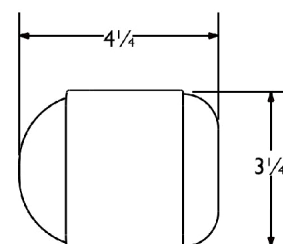
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	60105139	Kit, Matrx Swing Away Lateral Hardware, Offset, Elite/Elite TR Back - Left	1	1
1	B	60105140	Kit, Matrx Swing Away Lateral Hardware, Offset, Elite/Elite TR Back - Right	1	1
2	C	60105127	Kit, Matrx Swing Away Lateral Hardware, Standard, Elite/Elite TR Back - Right/Left	1	1
3	D	60104858	Kit, Matrx Fixed Lateral Hardware, Standard, Elite/Elite TR Back - Right/Left	1	1
4	E	60104859	Kit, Matrx Fixed Lateral Hardware, Offset, Elite/Elite TR Back - Left	1	1
4	F	60104860	Kit, Matrx Fixed Lateral Hardware, Offset, Elite/Elite TR Back - Right	1	1
NOTE: A - Used for model OSAHL B - Used for model OSAHR C - Used for model SAEHBL/SAEHBR D - Used for model PBLSL/PBLSR E - Used for model PBOL-L F - Used for model PBOL-R					

# Matrix Lateral Pad Assembly

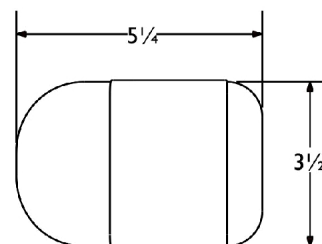
Used for the following models L-XS/ R-XS, L-S/ R-S, L-M/ R-M, L-L/ R-L



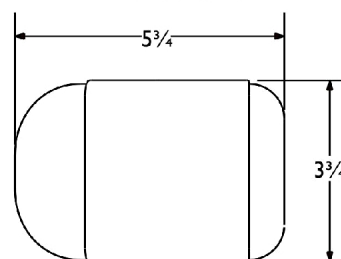
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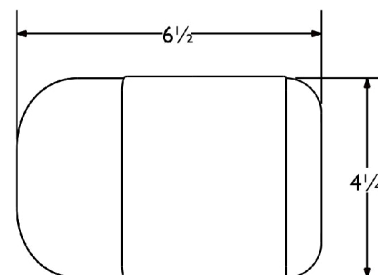
**L-XS/ R-XS**



**L-S/ R-S**



**L-M/ R-M**



**L-L/ R-L**

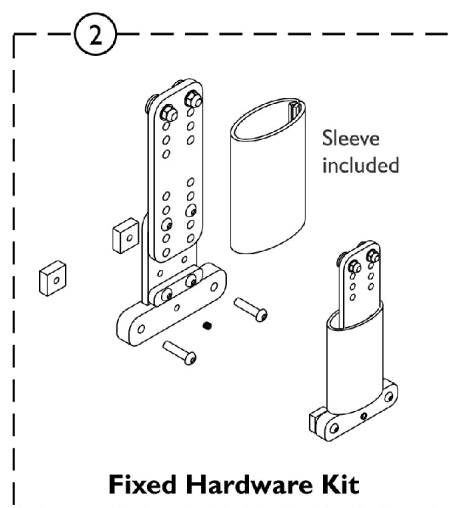
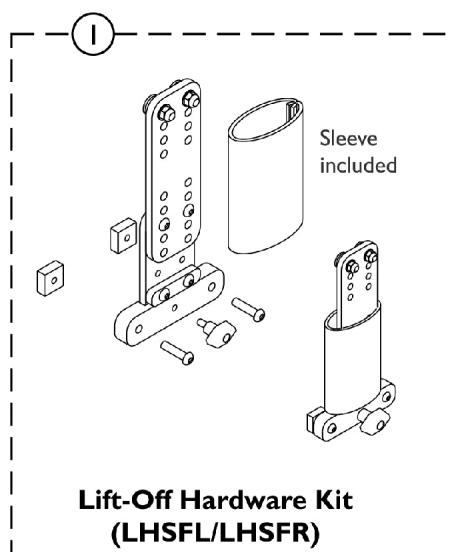
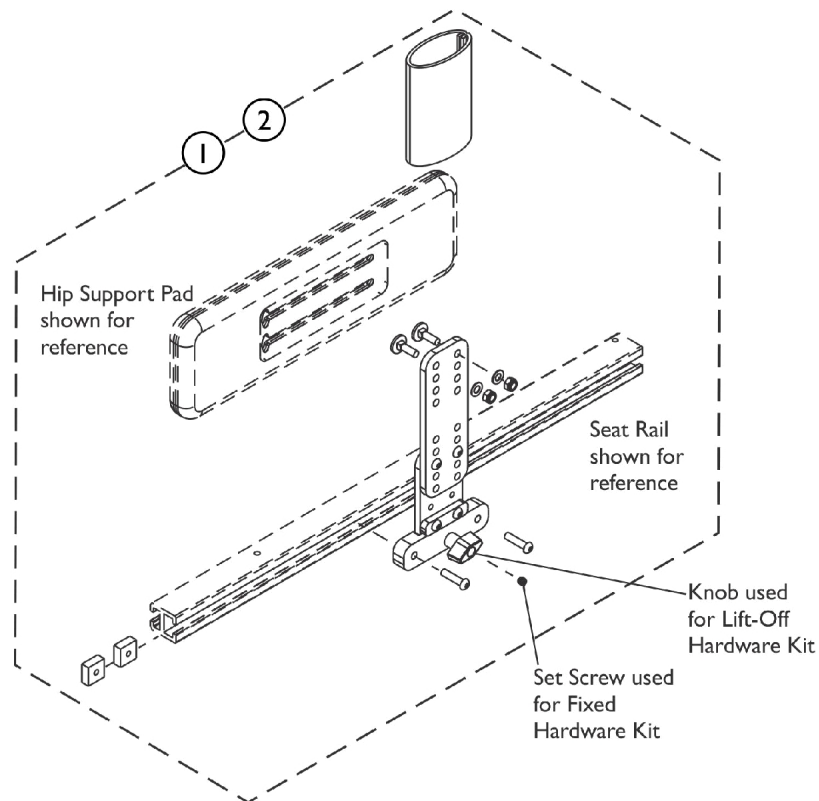
## Matrix Lateral Pad Assembly

Used for the following models L-XS/ R-XS, L-S/ R-S, L-M/ R-M, L-L/ R-L

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		60102832	Kit, Elbow Block, Trunk, Lateral Pad Assembly (4-1/4" W x 3-1/4" H)	1	1
1		60102828	Kit, Elbow Block, Trunk, Lateral Pad Assembly (5-1/4" W x 3-1/4" H)	1	1
1		60102831	Kit, Elbow Block, Trunk, Lateral Pad Assembly (5-3/4" W x 3-3/4" H)	1	1
1		60102827	Kit, Elbow Block, Trunk, Lateral Pad Assembly (6-1/2" W x 4-1/4" H)	1	1

TDX SP only uses the Pad Assembly for Laterals

# **Matrix Lift-Off (LHSFL/ LHSFR) and Fixed Lateral Hip Support Hardware - Right/Left**



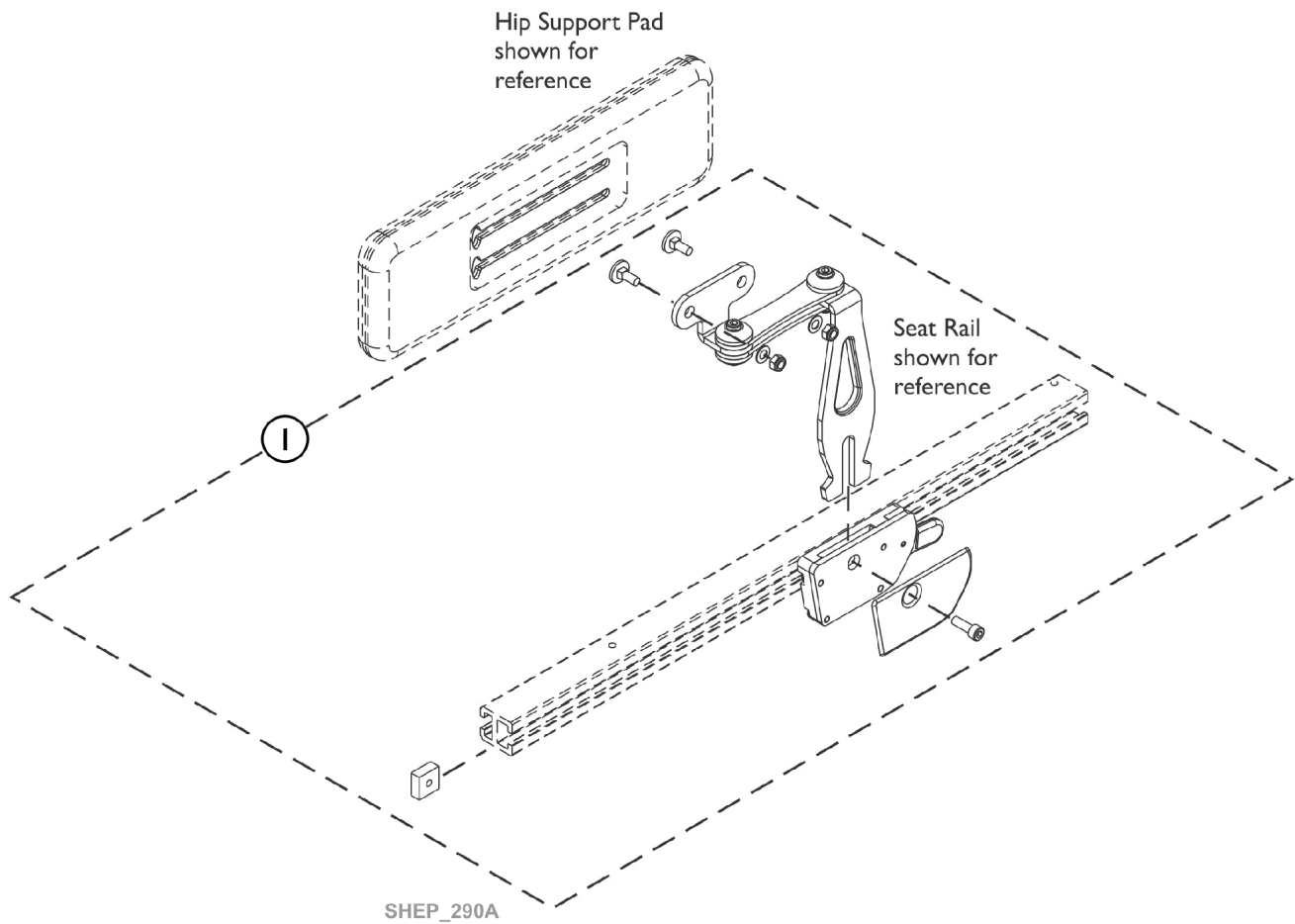
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## Matrix Lift-Off (LHSFL/ LHSFR) and Fixed Lateral Hip Support Hardware - Right/Left

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	60105197	Kit, Lift-Off Lateral Hip Support Hardware - Right/Left	1	1
2	A	60105196	Kit, Fixed Lateral Hip Support Hardware - Right/Left	1	1
NOTE: A - Used for either the Right or Left Side of the Seating System.					

# MAXX Style Quick Release Removable Hardware For Hip Supports

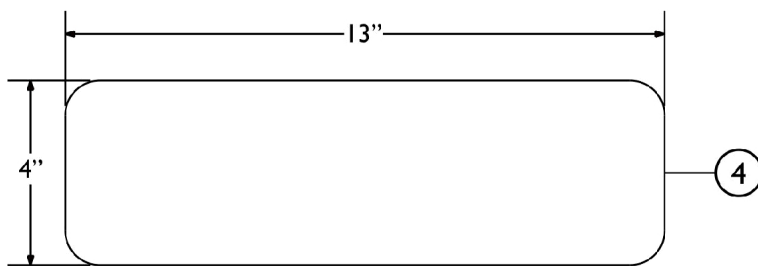
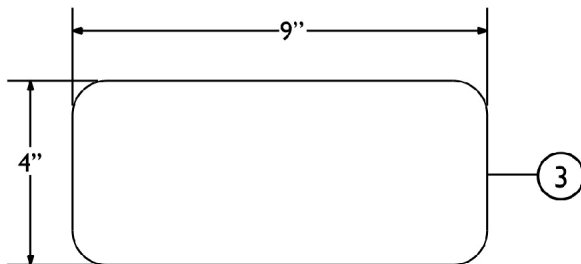
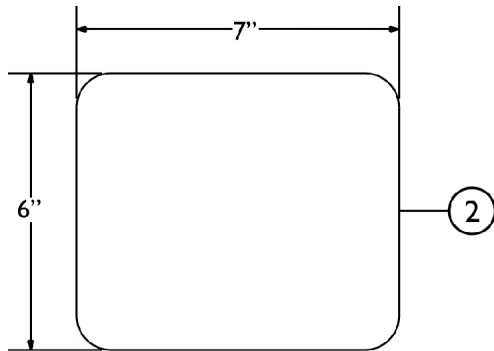
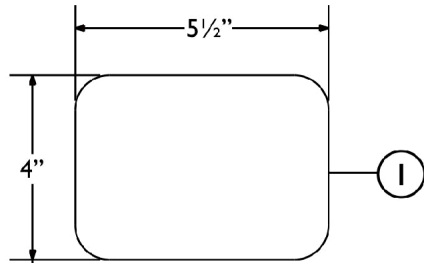
## (MQRHL/ MQRHR)



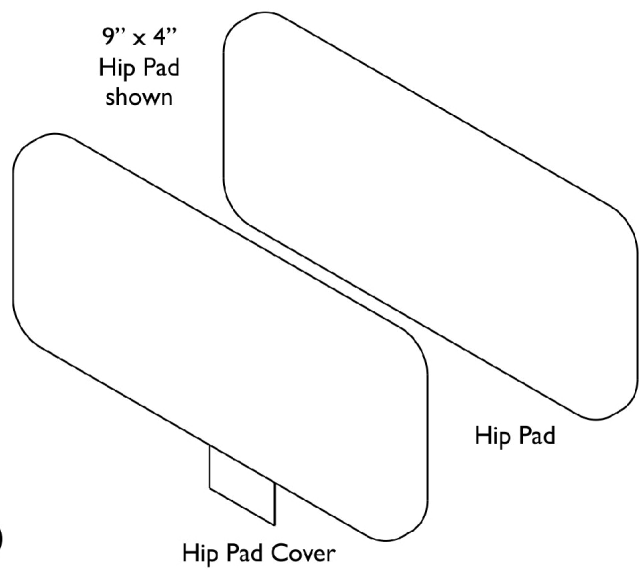
# MAXX Style Quick Release Removable Hardware For Hip Supports (MQRHL/ MQRHR)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		60102687	Kit, Hip Support Quick Release Hardware - Left	1	1
2		60102671	Kit, Hip Support Quick Release Hardware - Right	1	1

# Matrix Lateral Hip Support Pads (RHS-XS/ S/ M/ L) (LHS-XS/ S/ M/ L)



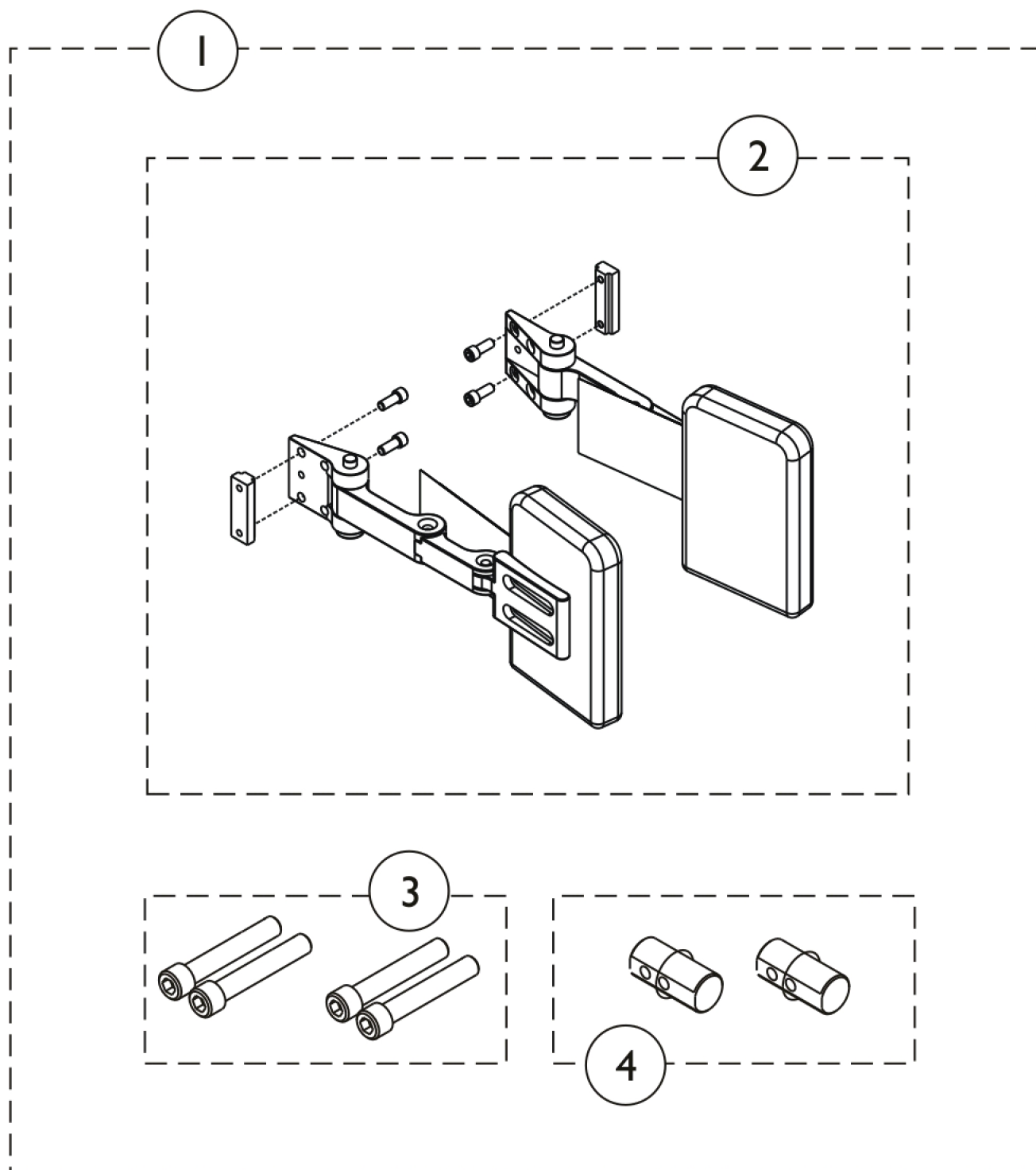
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## Matrix Lateral Hip Support Pads (RHS-XS/ S/ M/ L) (LHS-XS/ S/ M/ L)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	60102748	Kit, Lateral Hip Support Pad (5-1/2" W x 4" H)	1	1
2	A	60102749	Kit, Lateral Hip Support Pad (7" W x 6" H)	1	1
3	A	60102750	Kit, Lateral Hip Support Pad (9" W x 4" H)	1	1
4	A	60102751	Kit, Lateral Hip Support Pad (13" W x 4" H)	1	1
NOTE: A - Includes the Lateral Hip Pad and Hip Pad Cover. Used for Right or Left side application.					

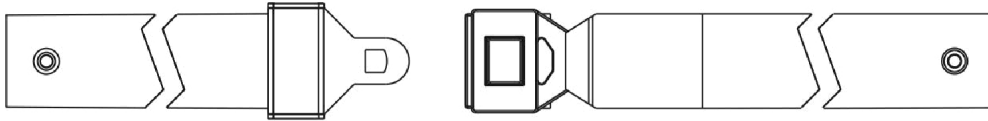
# Adductors



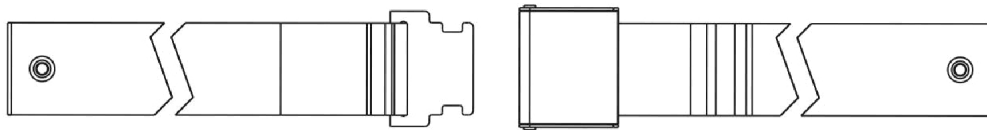
## Adductors

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1164876	Kit, Universal Stealth Adductor w/ Hardware Retrofit (4" W x 4" H) (Pair)	1	1
2	A	1164877	NLA - Adductor w/ Hardware (4" W x 4" H) (Pair)	1	1
3			Screw, Socket Head Cap w/ Patch (1/4-20 x 1-1/2")	1	4
4			Plug, Support	1	2
1			Kit, Universal Stealth Adductor w/ Hardware Retrofit (4" W x 6" H) (Pair)	1	1
2			NLA - Adductor w/ Hardware (4" W x 6" H) (Pair)	1	1
3			Screw, Socket Head Cap w/ Patch (1/4-20 x 1-1/2")	1	4
4			Plug, Support	1	2
NOTE: A - Includes items 2-4. Not all hardware will be used for all configurations. Parts maybe necessary depending on product configuration					

## Seat and Chest Positioning Straps without Mounting Hardware



**Auto Style Push Button Buckle**



**Airline Style Buckle Positioning Strap**



**Hook and Loop Style Buckle Positioning Strap**

# Seat and Chest Positioning Straps without Mounting Hardware

## Auto Style Push Button

Chair Width	Part Number	Seat/Chest Positioning Strap w/ Auto Style Buckle Length (Eyelet to Eyelet)
12" - 13" Wide	1036527	33" L
14" - 19" Wide	1004310	48" L
20" - 22" Wide	1034625	61" L
23" - 24" Wide	1034622-NLA See Note(s) A	69" L
NOTE: A - For replacement contact The Aftermarket Group (TAG).		

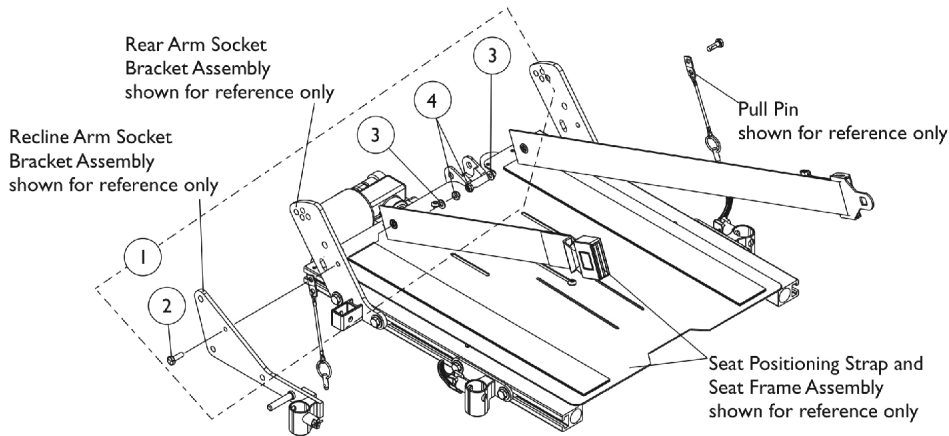
## Airline Style

Chair Width	Part Number	Seat/Chest Positioning Strap w/ Airline Style Buckle Length (Eyelet to Eyelet)
16" - 19" Wide	TAGTS1034751-NLA	46" L
20" - 22" Wide	1034752-NLA See Note(s) A	61" L
23" - 24" L	1034753-NLA	70" L
NOTE: A - 1034752 Airline Buckle Style is No Longer Available. Use Auto Style part number 1034625 as a replacement.		

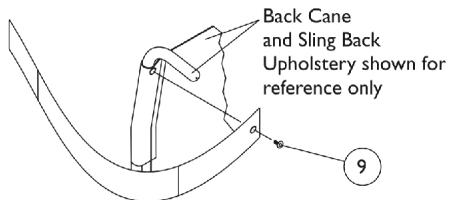
## Hook and Loop Style

Chair Width	Part Number	Seat/Chest Positioning Strap w/ Hook and Loop Style Buckle Length (Eyelet to Eyelet)
12" - 15" Wide	1034744 See Note(s) A	45" L
16" - 24" Wide	1034745 See Note(s) A	61" L
NOTE: A - Hook and Loop Style Positioning Straps for power chairs is used for chest positioning only.		

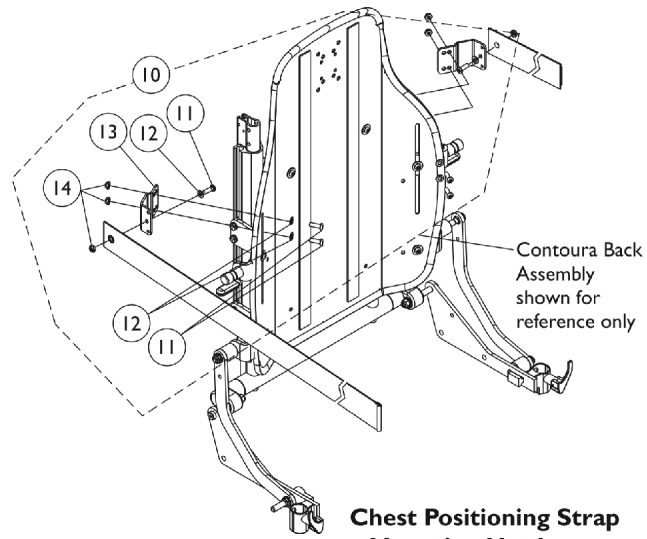
# Seat and Chest Positioning Straps Mounting Hardware



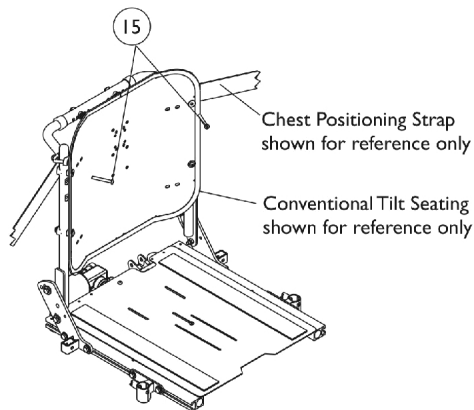
**Seat Positioning Strap Mounting Hardware  
(All Systems)**



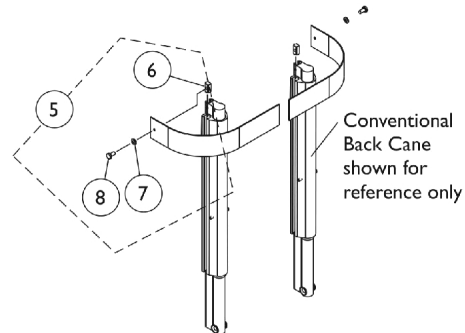
**Chest Positioning Strap Mounting Hardware  
(For ADJASBA w/ Sling Back Uph.,  
ABS & Metal Curved Back)**



**Chest Positioning Strap Mounting Hardware  
(For Contoura Seating)**



**Chest Positioning Strap Mounting Hardware  
(For Solid Straight Back Canes)**



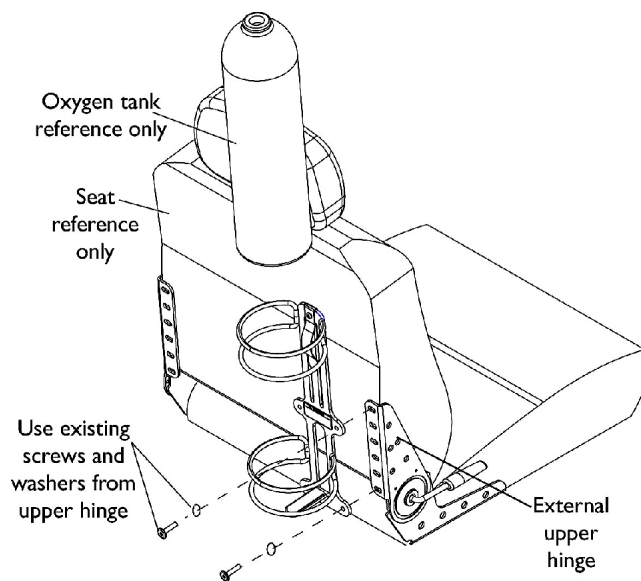
**Chest Positioning Strap Mounting Hardware  
(For Conventional Recline)**

## Seat and Chest Positioning Straps Mounting Hardware

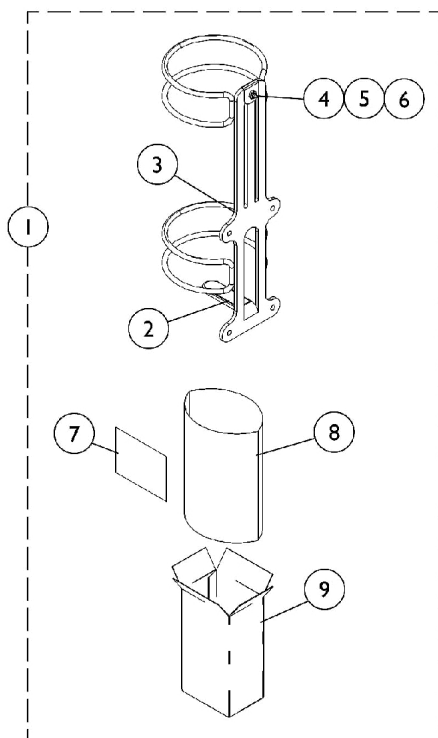
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1124385	Kit, Seat Positioning Strap Mounting Hardware (both LT & RT sides)	1	1
2			Screw, Hex Head w/ Patch (1/4-20 x 3/4")	1	2
3			Washer (1/4 x 1/2 x 1/16")	1	2
4			Locknut (1/4-20)	1	2
5	B	1090212	Kit, Chest Positioning Strap Mounting Hardware For Conventional Seating	1	1
6			T-Nut (1/4-20)	1	2
7			Washer (1/4 x 23/32 x 1/16")	1	2
8			Screw, Hex Head w/ Patch (1/4-20 x 1/2")	1	2
9	C	1026298	Package, Screw with Washer (#10 x 7/8") (Pair)	2	1
10	D	1125798	Kit, Chest Positioning Strap's Mounting Hardware For Contoura Seating (both LT & RT sides)	1	1
11			Screw, Socket Button (1/4-20 x 3/4")	1	6
12			Washer (1/4 x 1/2 x 1/16")	1	6
13			Bracket, Positioning Strap, Black	1	2
14			Locknut (1/4-20)	1	6
15	E	1128732-NLA	NLA - Package, Screw, Socket Button Head (1/4-20 x 2") (Pair)	2	1
<b>NOTE:</b> A - Includes items 2-4 B - Includes items 6-8 C - The back upholstery and chest positioning strap share the same mounting hardware D - Includes items 11-14 E - Used for mounting chest positioning straps to solid straight back canes					

# Oxygen Holder Assembly Kit

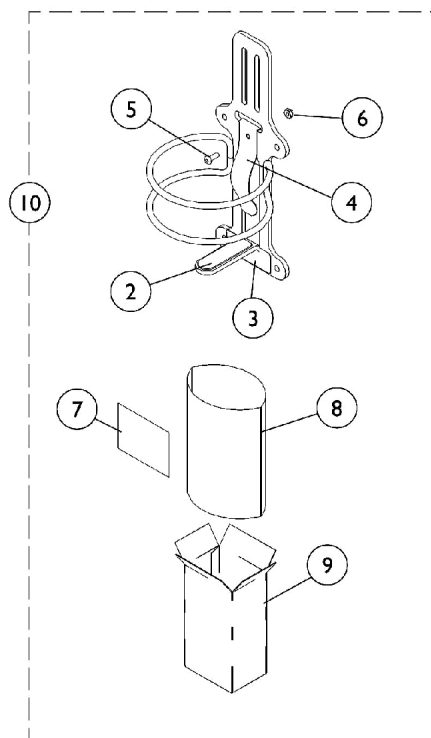
## Van Seat, (CGE) For TDX SP/SP-GT/SR



**Installing on Seat with External Hinge**



**O2 Holder D or E size tanks**



**O2 Holder Home Filled Tank (HFO2-ML6)**

## Oxygen Holder Assembly Kit Van Seat, (CGE) For TDX SP/SP-GT/SR

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1116956	Oxygen Holder Assembly(D or E Tanks)	1	1
2		1116950-NLA	NLA - Pad, Non-Skid	1	1
3		1080866	Decal, Oxygen Warning - English	1	1
4		1116945	Spring, Oxygen Holder	1	1
5		1072319-NLA	NLA - Screw, Socket Button Head (#10-32 x 1/2")	1	1
6		1025735	Locknut (#10-32)	1	1
7	B	1116957-NLA	NLA - Instruction Sheet, Oxygen Holder	1	1
8		1021866-NLA	NLA - Bag, Poly (26" L x 15" W)	1	1
9	A	1063960	Carton	1	1
10		HFO2-ML6	Oxygen Holder Assembly (Home Filled Tank)	1	1

NOTE: A - Includes Oxygen Holder plus items 2-9. For seats with an EXTERNAL (visible) hinge assembly.  
 B - Item is no longer available from the Invacare Service Parts Department. Refer to the Invacare Website under "Product Literature Search". Enter the part number in the "Keywords" field and download a free PDF version copy.

## Miscellaneous Accessories

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
	A	40176X010-NLA	NLA - Pump, Tire	1	1
NOTE: A - Not Shown					

## Warranty Replacement Parts

Part Number	Description	Quantity per Assembly
1140098E-NLA	WARR RPLMT - Module, Tilt Recline Actuator (TRAM) - MK6i	1
1169660E-NLA	WARR RPLMT - Kit, Tilt Actuator Conventional Motor	1

Invacare Corporation

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(Revised 11/01/22)

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