

**Pronto® M71™
with SureStep®**

**MWD
Power Wheelchair**



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. 01-229. 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

© 2022 Invacare Corporation. Elyria, Ohio. Invacare, Yes, you can., the Medallion Design, Pronto, and SureStep are registered trademarks and MKIV, MK5, NX, EX, SPJ, DPJ, MPJ, and M71 are trademarks of Invacare Corporation.

TABLE of CONTENTS

Description	Page Number
A: READ THIS FIRST (THIS CATALOG IS DIFFERENT!)	7
Accessories - Miscellaneous	189
Accessories - Oxygen Holder - ADJASBA Seats (After 8/07/05)	193
Accessories - Oxygen Holder - ASBA Seats (Before 8/08/05)	192
Accessories - Oxygen Holder - Van Seat (After 4/14/03)	196
Accessories - Oxygen Holder - Van Seat (Before 4/15/03)	195
Accessories - Power Wheelchair Tool Kit	198
Adapters - Seat & Mounting Hardware - ADJASBA (After 8/07/05)	23
Adapters - Seat & Mounting Hardware - ADJASBA with TRRO/TRBKTS	24
Arms - Adjustable Height	53
Arms - Fixed Height	50
Arms - Front/Rear Arm Socket & Hardware - For ADJASBA Seats with TRRO	57
Arms - Front/Rear Arm Socket & Hardware - ADJASBA (After 8/07/05 Only)	56
Arms - Mounting Swingaway Hardware - ASBA/ADJASBA	55
Arms - Van Seat & Hardware (16" - 20" W) (After 8/31/02)	61
Arms - Van Seat & Hardware (18") (Before 9/1/02)	59
Arms - Van Seat & Hardware (20") (Before 9/1/02)	60
Backs - Contoura without Mounting Hardware - ADJASBA Only - Before 5/15/09	33
Backs - Curve Contoura without Mounting Hardware - After 5/14/09	37
Backs - Mounting Hardware - Contoura - ADJASBA Only - Before 5/15/09	35
Backs - Mounting Hardware - Curve Contoura - After 5/14/09	41

TABLE of CONTENTS

Description	Page Number
Battery Covers & Harnesses - MKIV Electronics	80
Battery Harnesses - MK5 Electronics	82
Battery Harnesses - MK6i Electronics	84
Battery Trays	78
Beams - Walking & Hardware - SureStep	15
Canes - Back - Spreader Bar & Attatching Hardware - ASBA (Before 8/08/05)	26
Canes - Back & Spreader Bars - ADJASBA (After 8/07/05)	28
Casters & Forks	70
Cushions - Seat - Contoura Seating	47
Electronics - Joystick Options	186
Electronics - Mid-Line Swing Bracket	179
Electronics - MK5 Controllers - Cables - Programmer & Battery Charger (After 6/26/03)	154
Electronics - MK5 Display	181
Electronics - MK5 DPJ Joystick & Mounting Hardware	147
Electronics - MK5 MPJ Joystick & Mounting Hardware	149
Electronics - MK5 SAC & Hardware (Before 1/06/06)	167
Electronics - MK5 SPJ (After 6/26/03) & SPJ+ (Introduced 8/16/05) Joystick & Mounting Hardware	142
Electronics - MK5 SPJ-80 Joystick & Mounting Hardware	145
Electronics - MK5 TAC & Hardware (After 1/05/06)	169
Electronics - MK6i ~ PLEASE READ THIS PAGE-	139
Electronics - MKIV Controller - Programmer & Battery Charger (Before 6/27/03)	151

TABLE of CONTENTS

Description	Page Number
Electronics - MKIV RII Joystick & Mounting Hardware (Before 6/27/03)	140
Electronics - Proportional Attendant Control Joystick PACM5	184
Electronics - Quad Link (Before 4/07/06)	158
Electronics - Quad Link (QL) (After 4/06/06)	162
Electronics - R.I.M. Head Control - 1500	174
Electronics - R.I.M. Head Control Mounting Hardware - 1500	177
Electronics - Sip-N-Puff / Digital Interface and AUX12 and AUX34	182
Electronics - Swivel Joystick Hardware	157
Electronics - Tash & Therafin Accessories	188
Electronics - Tilt Recline Single Switch (TRSS)	165
Frame Finishes - Shroud Colors and Upholstery Colors	8
Frames - Seat ADJASBA - Seat Pan & Hardware (After 8/07/05)	19
Frames - Seat ASBA - Seat Pan - Adapter & Arm Socket Hardware (Before 8/08/05)	17
Frames - Seat Van & Mounting Hardware	21
Frames - Side & Hardware	13
Front Riggings - Adjustable Angle Footplates - AT5543 - PW93 - PHW93 - PW93E - PW93ST	136
Front Riggings - Footboard Assembly - 90FB	86
Front Riggings - Footrest & Legrest Accessories	138
Front Riggings - Footrest Supports - Hemi - PHW93 (9/1/02-1/5/03)	95
Front Riggings - Footrest Supports - Hemi - PHW93 (After 1/5/03)	97
Front Riggings - Footrest Supports - P93M (Before 9/1/02)	103

TABLE of CONTENTS

Description	Page Number
Front Riggings - Footrest Supports - PW93 (Before 9/1/02)	93
Front Riggings - Footrest Supports - PW93E (Before 9/1/02)	99
Front Riggings - Footrest Supports - PW93ST (Before 9/1/02)	101
Front Riggings - Hanger Assembly - ADJASBA (After 8/07/05)	134
Front Riggings - Hanger Assembly - ASBA (Before 8/08/05) and Van Seats	132
Front Riggings - Legrest - Articulating - PAL4A (Before 9/1/02)	114
Front Riggings - Legrest - PH904A (Before 9/1/02)	104
Front Riggings - Legrest Supports - Articulating - Hemi - PHAL4A (9/1/02-1/5/03)	118
Front Riggings - Legrest Supports - Articulating - Hemi - PHAL4A (After 1/5/03)	122
Front Riggings - Legrest Supports - Hemi - PH904A (9/1/02-1/5/03)	107
Front Riggings - Legrest Supports - Hemi - PH904A (After 1/5/03)	111
Front Riggings - Pivot/Slide Tube & Composite Footplate - PW93 - PHW93 - PW93E - PW93ST	128
Front Riggings - Pivot/Slide Tube & Footplate - P904 - PH904A - PAL4A - PHAL4A	130
Front Riggings - Pivot/Slide Tube & Footplate - P93M - PW93 - PHW93 - PW93E	125
Front Riggings - Reference Chart	88
Hardware - Back Cane Attaching - ADJASBA (After 8/07/05)	30
Hardware - Seat Release	43
Label Locations For TRRO & TRBKTS Options	11
Motors - Gearbox & Drive Wheel (After 6/26/03)	75
Motors - Gearbox & Drive Wheel (Before 6/27/03)	73
Packaging - Literature & Decals	9

TABLE of CONTENTS

Description	Page Number
Seats - Van	44
Shrouds & Attaching Hardware (After 7/13/03)	67
Shrouds & Attaching Hardware (Before 7/14/03)	64
TRRO & TRBKTS Option Clarification Reference	12
Upholstery - Back - ASBA & ADJASBA	32
Warranty Replacement Parts	200

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

Pronto M7I with SureStep
parts catalog information is now divided into two separate catalogs.

The Form Numbers and Cover Titles are listed below.

Form # 01-229

Pronto M7I with SureStep
Powered Wheelchair

Form # 06-110

MK6i Electronics

(MK6i was introduced on or about 10/16/06)

Use both form numbers to order a “complete” Parts Catalog

Frame Finish

Color Number	Part Number	Bottle Size	Color
34P	1046327-NLA	.6 oz.	Flat Black

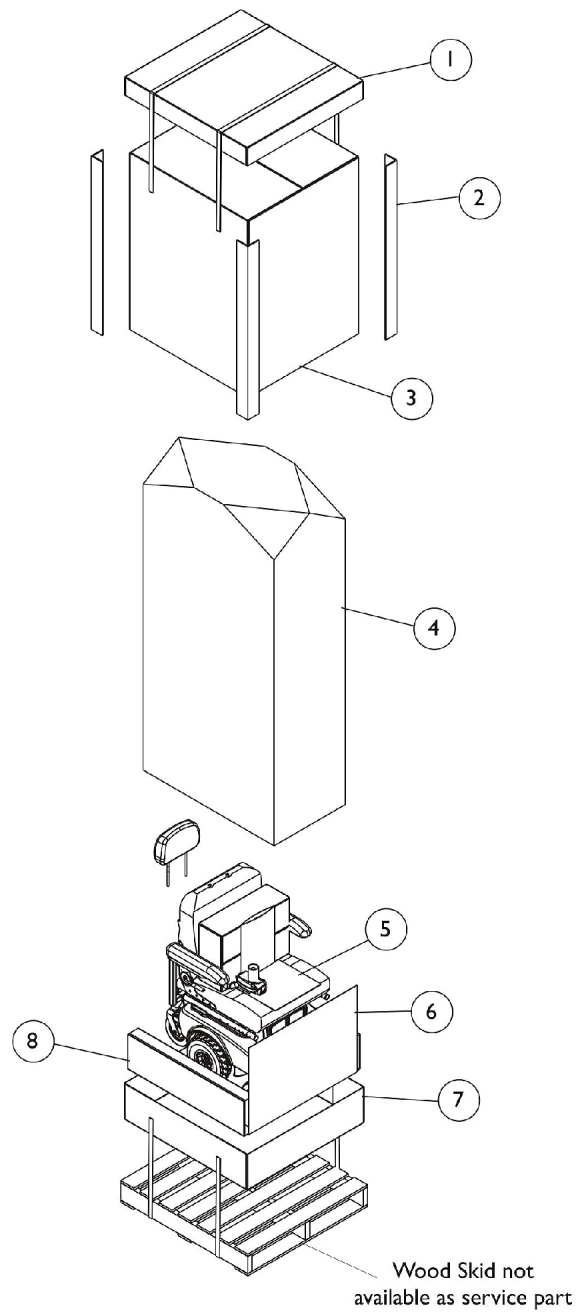
Shroud Colors

Color Number	Prior Color Description	Current Color Description
DBLM / BL	Dark Blue Metallic Before 7/24/02	Dark Blue Pearl After 7/23/02
GBKM / MB	Metallic Black Before 8/29/02	Magic Black After 8/28/02
CRDM / RD	Candy Apple Red Before 8/9/02	Candy Red Pearl After 8/8/02

Upholstery Color

Color Number	Color Description
U240	Black Nylon

Packaging, Literature and Decals

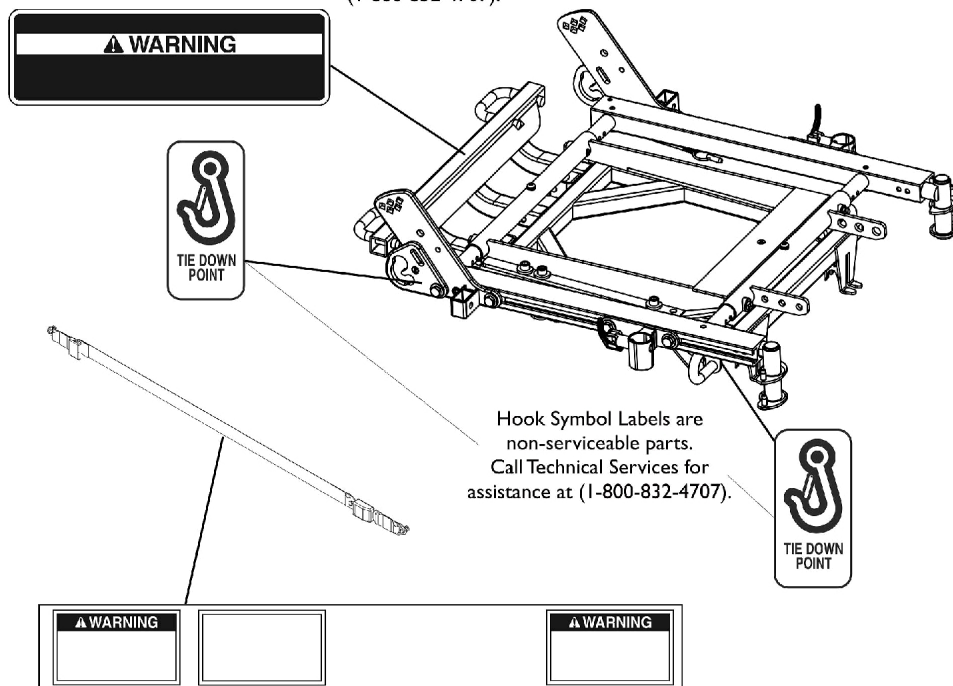


Packaging, Literature and Decals

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1127752	Carton, Tray Top	1	1
2		1115174	Carton, Corner Reinforcement	1	4
3		1127753-NLA	NLA - Carton, Cover	1	1
4		1015592	Bag, Poly (72" L x 35" W x 19" D)	1	1
5		40131X161	Insert, Plain Pad	1	1
6		1127755-NLA	NLA - Carton, Pad	1	1
7	C	1127756-NLA	NLA - Carton, Tray	1	1
8		1127754-NLA	NLA - Carton, Insert	1	2
	A,D	1141449-NLA	NLA - Owner's Manual, Pronto M71w/ MKIV/MK5 Electronics	1	1
	A,D	1143240-NLA	NLA - Owner's Manual, M71 Base Only with MK6i Electronics	1	1
	A,D	1143192-NLA	NLA - Owner's Manual, ADJASBA Seat with MK6i Electronics	1	1
	A,D	1095272-NLA	NLA - Instruction Manual, MKIV RII	1	1
	A,D	1110532-NLA	NLA - Instruction Manual, MK5 NX/NX-LP	1	1
	A,D	1122140-NLA	NLA - Instruction Manual, MK5 NX-80	1	1
	A,D	1114808-NLA	NLA - Instruction Manual, MK5 EX/ TT-EX Electronics	1	1
	A	1109032-NLA	NLA - Decal, Shroud - Pronto M71	1	1
	A	1119281-NLA	NLA - Plate, Name, Patent Numbers	1	1
	A	1107651-NLA	NLA - Decal, Front Battery Cover	1	1
	A	1107652-NLA	NLA - Decal, Rear Battery Cover	1	1
	A,B	1164348	Mailer, Return, Mercury Free	1	1
NOTE: A - Not Shown B - For Massachusetts providers only C - No longer available, use 1127752 as its replacement. D - 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. NOTE: When adjusting or replacing parts, please refer to your owner's manual for assistance.					

Label Locations For TRRO and TRBKTS Options

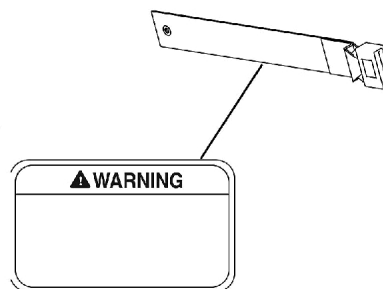
WC/19 Warning Label is a non-serviceable part.
Call Technical Services for assistance at
(1-800-832-4707).



Occupant restraint pelvic belt
conforms with ANSI/RESNA.
WC/19 Warning Label is sewn
onto the pelvic belt assembly.

TRRO Option Label Locations

Seat/Chest Positioning Strap
DOES NOT conform with ANSI/RESNA.
WC/19 Warning Label is sewn
onto the positioning strap.



Non TRRO/TRBKTS Option Label Locations

TRRO and TRBKTS Option Clarification Reference

About Transport Ready Packages

TRRO includes four factory-installed transport brackets and a wheelchair anchored pelvic belt. **TRRO** has been crash-tested in accordance with ANSI/RESNA WC Vol. 1 Section 19 Frontal Impact Test requirements for wheelchairs with a 168 lb. Crash dummy, which corresponds to a person with weight of 114 to 209 lbs.

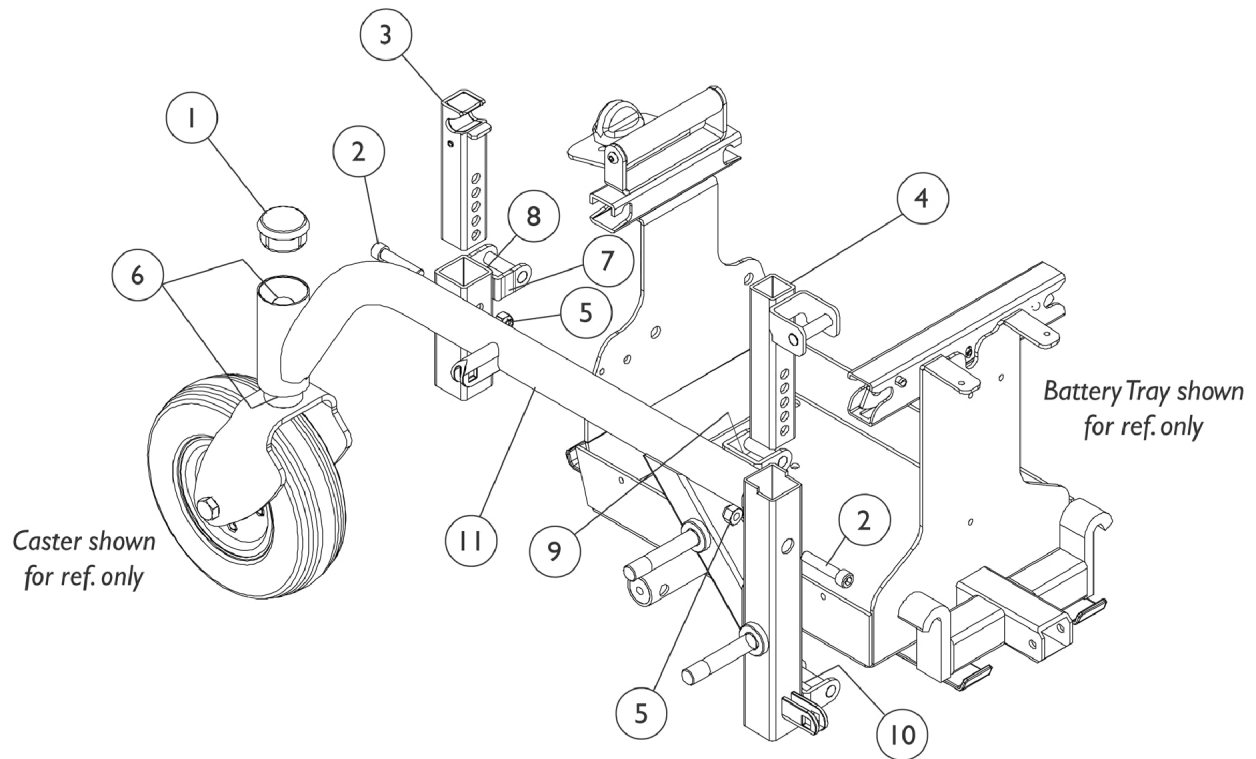
TRBKTS includes four factory-installed wheelchair transport brackets. **TRBKTS** has not been crash-tested in accordance with WC 19. Use these transport brackets only to secure an unoccupied wheelchair during transport.

Only use the transport brackets included with **TRRO** and **TRBKTS** for the purpose described 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.

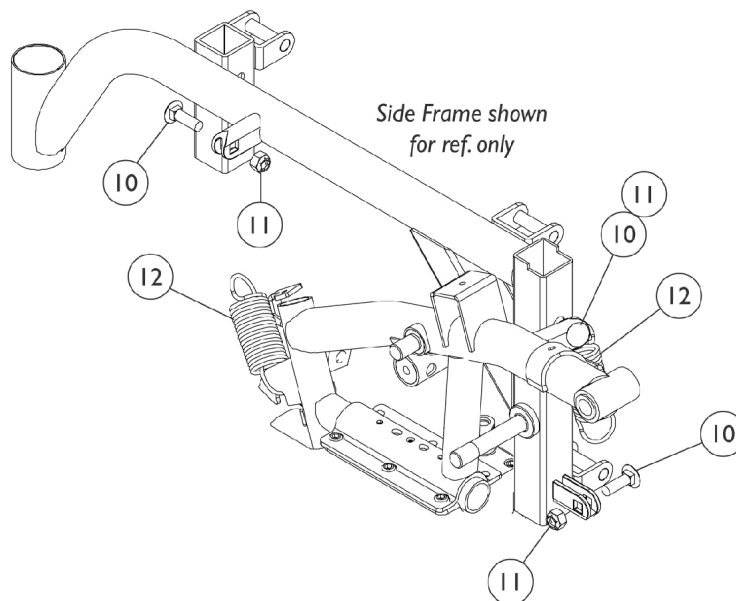
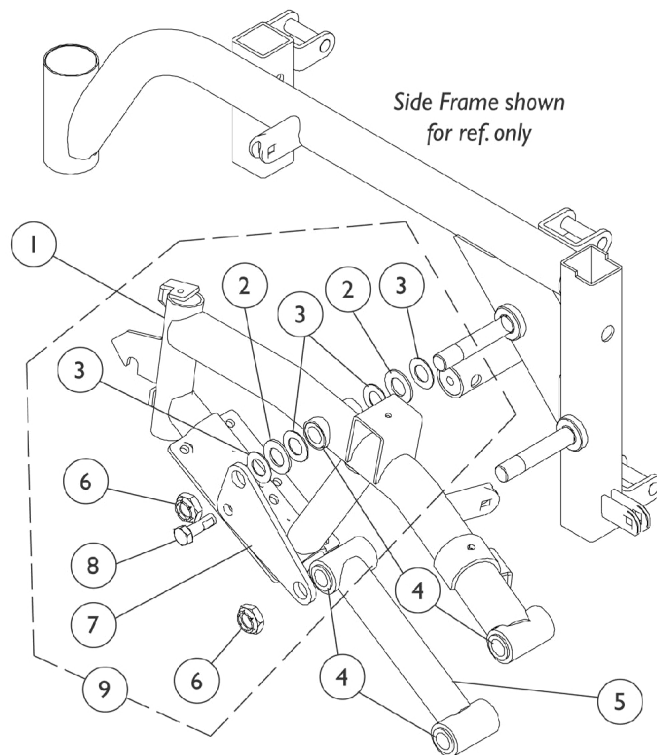
Side Frame and Hardware



Side Frame and Hardware

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	D	1105026	Plug Button, Head Tube, Black	1	1
2		1021344	Screw, Socket Head (5/16-18 x 1-1/2")	1	2
3		1109019-NLA	NLA - Slide Tube, Seat Height Adjustment - Rear	1	2
3		1152529-NLA	NLA - Slide Tube Assembly, Seat Height Adjustment, Rear	1	2
4		1109215-NLA	NLA - Slide Tube Assembly, Seat Height Adjustment, Front	1	1
5		1026158	Locknut (5/16-18)	1	2
6		40117X006	Bearing (5/8")	1	2
7		1109198-NLA	NLA - Label, Yellow Stripe	1	2
8		1109200-NLA	NLA - Label Marker (2)	1	1
9		1109199-NLA	NLA - Label Marker (1)	1	1
10		1109201-NLA	NLA - Label Marker (3)	1	1
11	A	1109320-NLA	NLA - Side Frame Assembly - Right	1	1
11	A	1109321-NLA	NLA - Side Frame Assembly - Left	1	1
	B,C	1109023-NLA	NLA - Hardware, Frame, Side	1	1
NOTE: A - Includes items 6-10 B - Includes items 1-5 C - Not Shown D - When replacing a "Slide Tube, Seat Height Adjustment - Rear" part # 1109019 with the part # 1152529 both sides must be replaced simultaneously.					

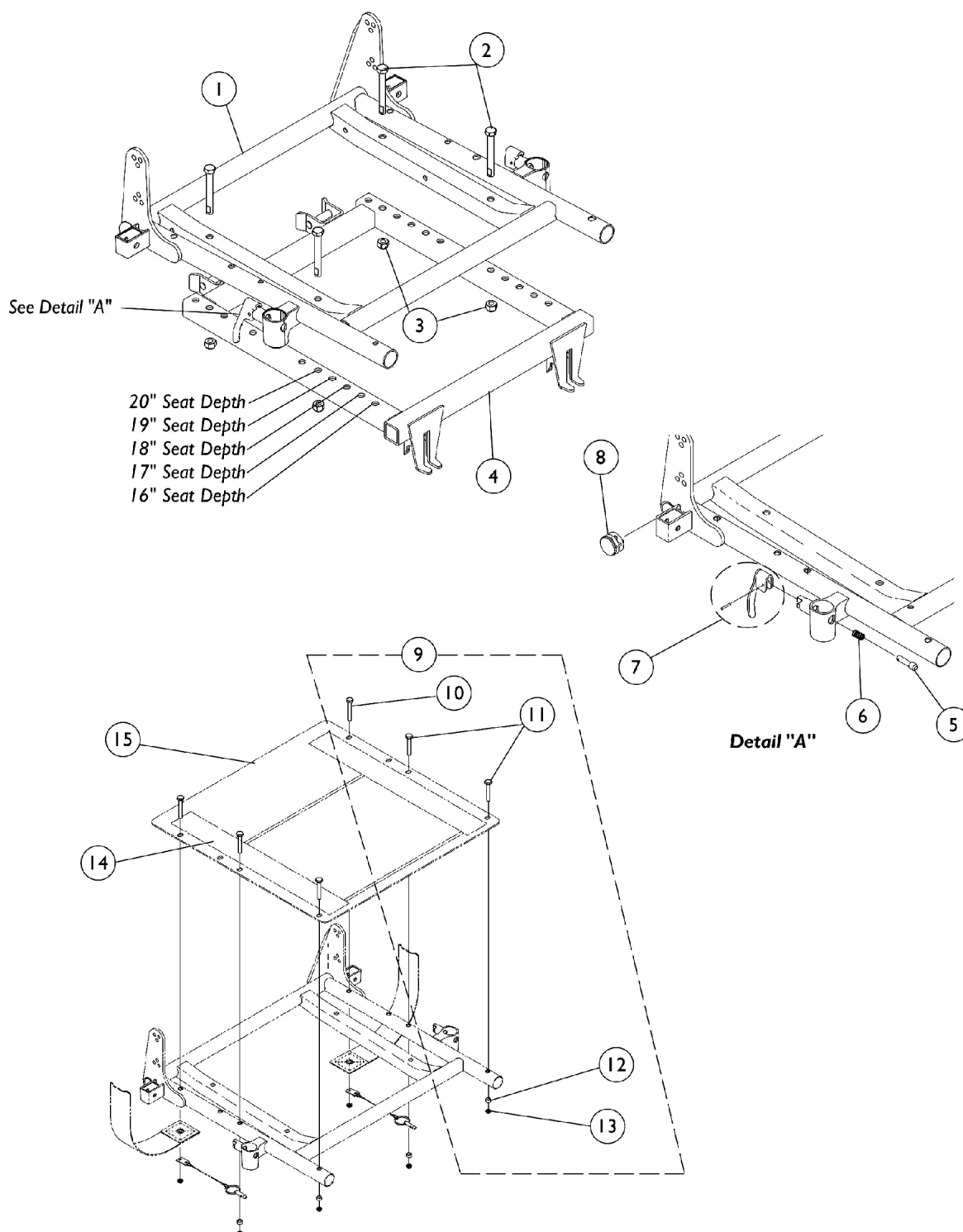
SureStep Walking Beams and Hardware



SureStep Walking Beams and Hardware

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1109025-NLA	NLA - Walking Beam, SureStep - Right	1	1
1	A	1109026-NLA	NLA - Walking Beam, SureStep - Left	1	1
2		40157X015-NLA	NLA - Washer, Nylon (9/16 x 1 x 5/8")	1	2
3		1106492-NLA	NLA - Washer (1/2 x 29/32 x 1/32")	1	4
4		1106485	Bushing (1/2 x 5/8")	1	8
5	A	1109018	Tube, Pivot, Black	1	1
6		1025737	Locknut (1/2-20)	1	2
7		1106078-NLA	NLA - Plate Reinforcement	1	1
8		1050161-NLA	NLA - Screw, Hex Head w/ Patch (5/16-18 x 1")	1	1
9	B	1108066-NLA	NLA - Kit, SureStep Walking Beam Hardware	1	1
10		1105030	Bolt, Round Head Square Neck (5/16-18 x 1")	1	3
11		1026158	Locknut (5/16-18)	1	3
12		1105028-NLA	NLA - Spring, Extension (1-1/4 x 3-1/2" L)	1	2
NOTE: A - Includes 4 each Bushings, item 4 B - Includes items 2, 3, 6-8					

ASBA Seat Frame, Seat Pan, Adapter, & Arm Socket Hardware Before 8/08/05



ASBA Seat Frame, Seat Pan, Adapter, & Arm Socket Hardware

Before 8/08/05

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	See Chart	#1 Seat Frames	1	1
2		1043628-NLA	NLA - Screw, Hex Head w/ Patch (5/16-18 x 2-1/2")	1	4
3		1026158	Locknut (5/16-18)	1	4
4		1106480	Adapter, Seat Frame	1	1
5		1028594	Pin, Arm Lock, Black	1	2
6		47471X074	Spring, Arm Lock	1	2
7		1090768	Kit, Lock Handle w/Rivets (Pair)	2	1
8		1029501	Plug Button, Black (1")	1	2
9	B	1070459-NLA	NLA - Kit, Seat Pan Mounting Hardware	1	1
10			Screw, Hex Head (1/4-20 x 1-5/8")	1	2
11			Screw, Hex Head (1/4-20 x 1-1/2")	1	4
12			NLA - Spacer (1/4 x 3/8 x 3/16")	1	4
13			Locknut (1/4-20)	1	6
14		1039949-NLA	NLA - Fastener, Hook Adhesive Back (2" W x 16" L)	1	2
14		1044578-NLA	NLA - Fastener, Loop Adhesive Back (2" W x 16" L)	1	2
15		See Chart	#15 Seat Pans	1	1
NOTE: A - Includes items 5-8 B - Not Shown. Includes items 10-13					

#1 Seat Frames

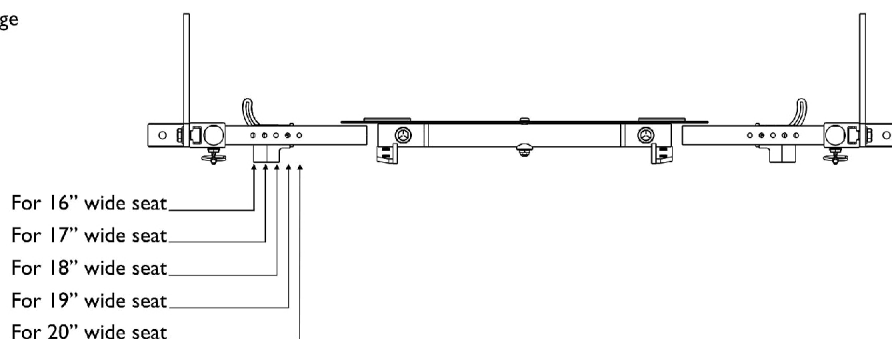
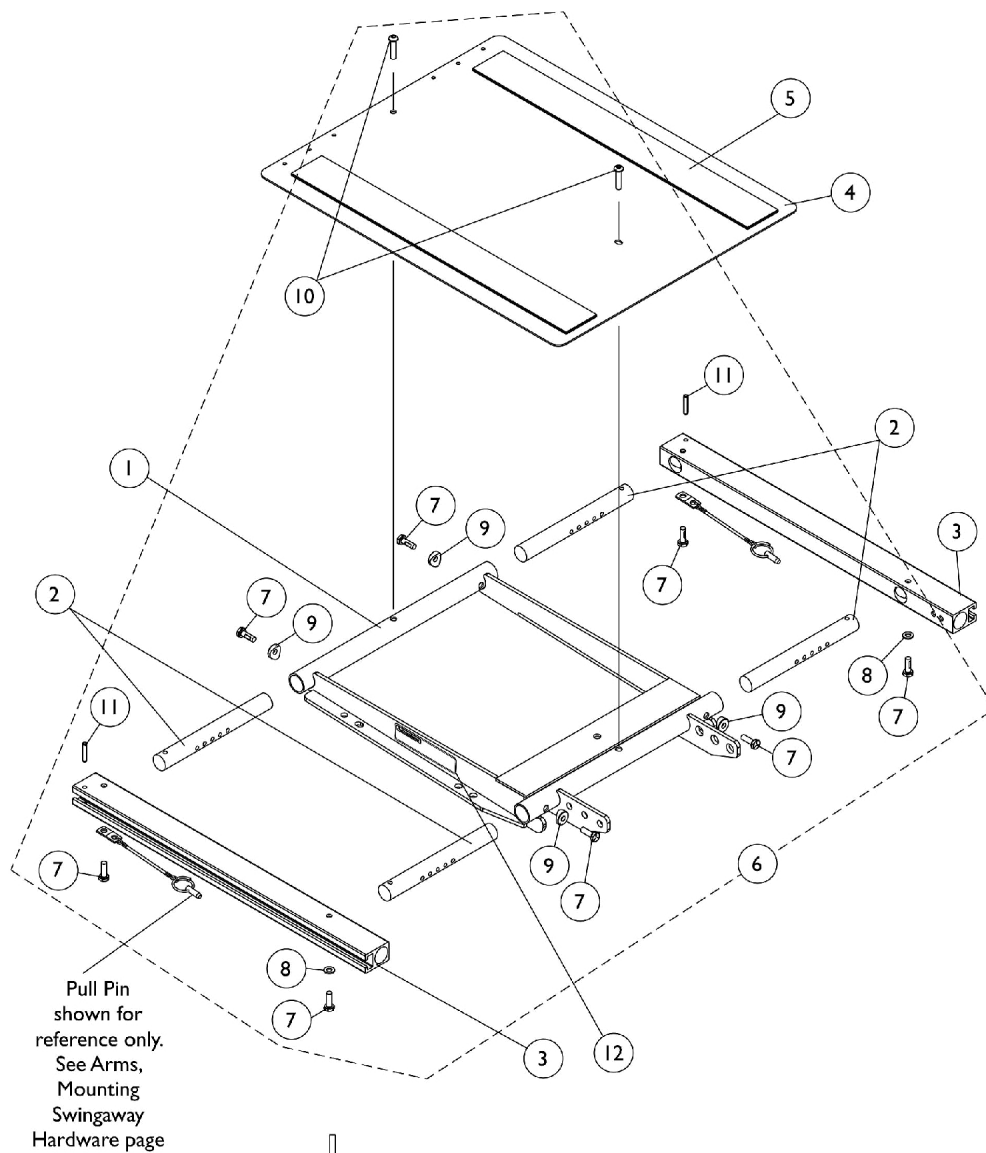
Chair Depth	16" Wide	17" Wide	18" Wide	19" Wide	20" Wide
16-17" Deep	1070672-NLA	1070673-NLA	1070674-NLA	1070675-NLA	1070676-NLA
18-19" Deep	1070681-NLA	1070682-NLA	1070683-NLA	1070684-NLA	1070685-NLA
20" Deep	1070690-NLA	1070691-NLA	1070692-NLA	1070693-NLA	1070694-NLA

#15 Seat Pans

Chair Depth	16" Wide	17" Wide	18" Wide	19" Wide	20" Wide
16" Deep	1066013-NLA	1066014-NLA	1066015-NLA	1066016-NLA	1066017-NLA
17" Deep	1066024	1066025-NLA	1066026	1066027-NLA	1066028-NLA
18" Deep	1066035-NLA	1066036-NLA	1066037-NLA	1066038-NLA	1066039-NLA
19" Deep	1066046-NLA	1066047-NLA	1066048-NLA	1066049-NLA	1066050-NLA
20" Deep	1066057-NLA	1066058-NLA	1066059-NLA	1066060	1066061-NLA

ADJASBA Seat Frame, Seat Pan and Hardware

After 8/07/05

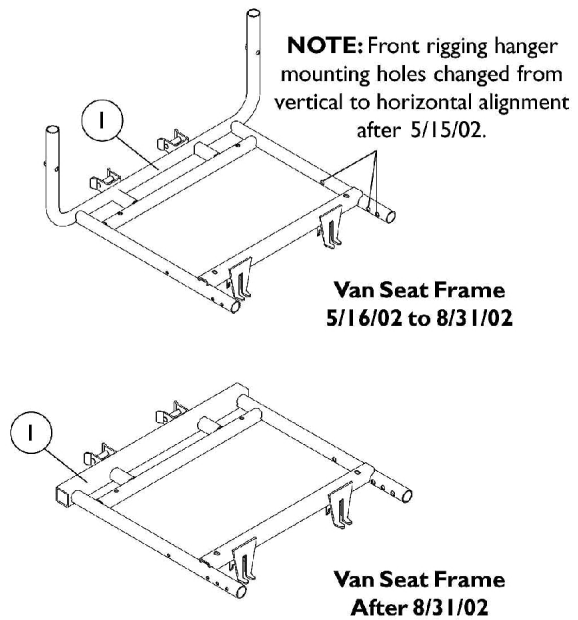
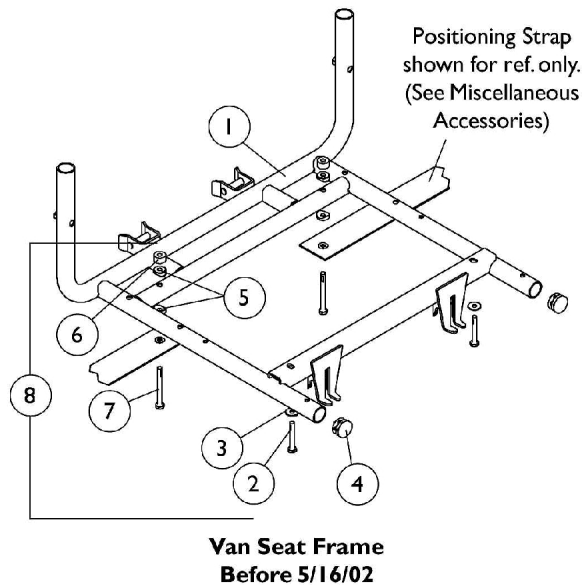


Seat Frame Width Settings

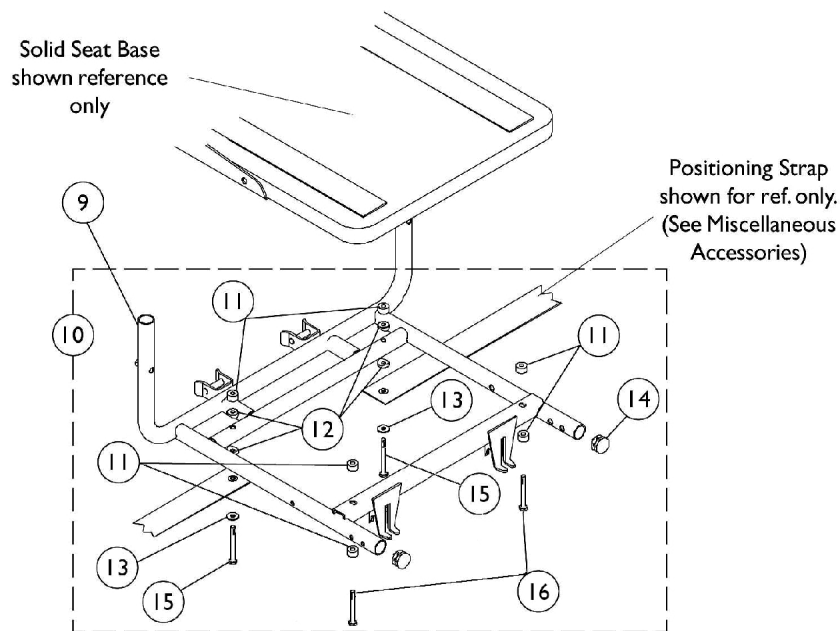
ADJASBA Seat Frame, Seat Pan and Hardware After 8/07/05

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).						

Van Seat Frame and Mounting Hardware



For Van Seats without Solid Seat Base

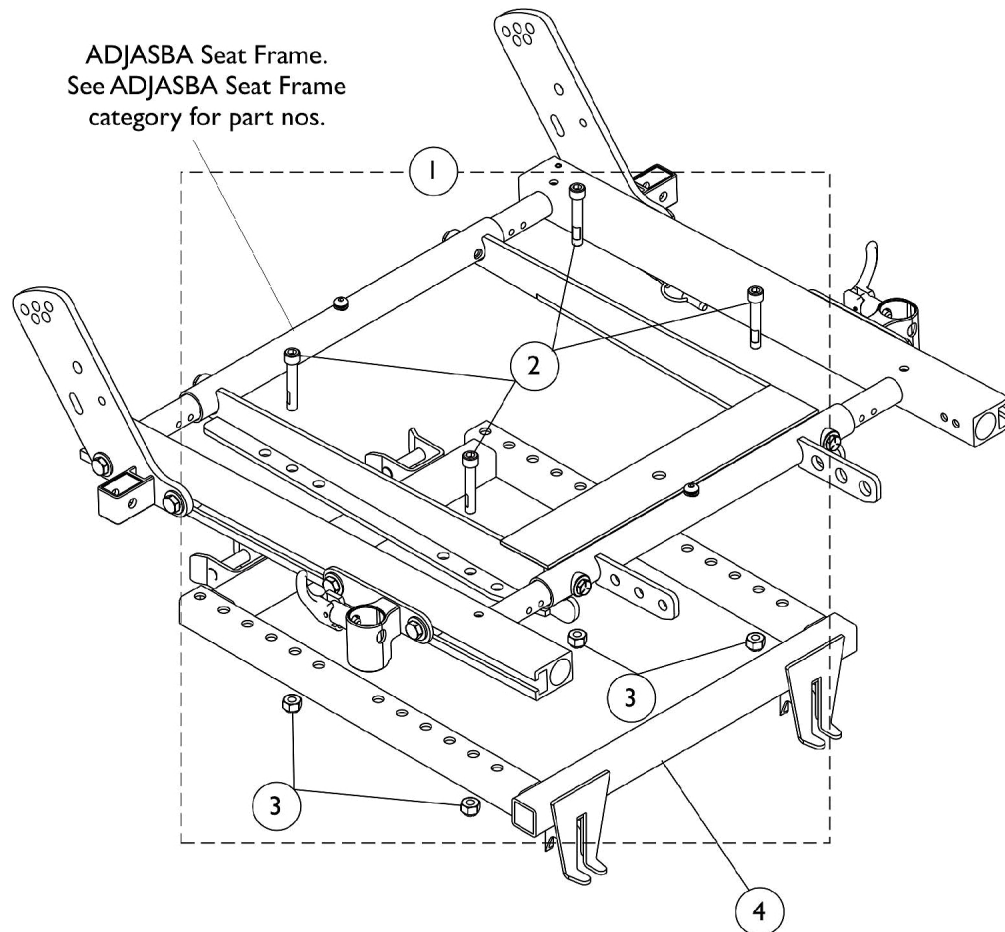


Van Seat Frame and Mounting Hardware

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1123422-NLA	NLA - Frame, Van Seat, Black (16" W)	1	1
1	A,B	1108466-NLA	NLA - Frame, Van Seat, Black (18" W)	1	1
1	C	1114340-NLA	NLA - Frame, Van Seat, Black (18" W)	1	1
1	A,B	1108467-NLA	NLA - Frame, Van Seat, Black (20" W)	1	1
1	C	1114341-NLA	NLA - Frame, Van Seat, Black (20" W)	1	1
2		1088898-NLA	NLA - Screw, Hex Head w/ Patch (1/4-20 x 1-3/4")	1	2
3		1026900	Washer (1/4 x 23/32 x 1/16")	1	4
4		1029501	Plug Button, Black (1")	1	2
5		1026099	Spacer, Coved (1/4 x 11/16 x 1/2")	1	4
6		1108411-NLA	NLA - Spacer (1/4 x 5/8 x 3/8")	1	2
7		1109472-NLA	NLA - Screw, Hex Head w/Patch (1/4-20 x 2-1/2")	1	2
8	D	1109195-NLA	NLA - Kit, Van Seat Mounting Hardware	1	1
2			NLA - Screw, Hex Head w/ Patch (1/4-20 x 1-3/4")	1	2
3			Washer (1/4 x 23/32 x 1/16")	1	4
4			Plug Button, Black (1")	1	2
5			Spacer, Coved (1/4 x 11/16 x 1/2")	1	4
6			NLA - Spacer (1/4 x 5/8 x 3/8")	1	2
7			NLA - Screw, Hex Head w/Patch (1/4-20 x 2-1/2")	1	2
9		1123422-NLA	NLA - Frame, Van Seat, Black (16" W)	1	1
9		1114340-NLA	NLA - Frame, Van Seat, Black (18" W)	1	1
9		1114341-NLA	NLA - Frame, Van Seat, Black (20" W)	1	1
10	E	1129720-NLA	NLA - Kit, Van Seat Mounting Hardware	1	1
11			NLA - Spacer (1/4 x 5/8 x 3/8")	1	6
12			Spacer, Coved (1/4 x 11/16 x 1/2")	1	4
13			Washer (1/4 x 23/32 x 1/16")	1	2
14			Plug Button, Black (1")	1	2
15			NLA - Screw, Hex Head w/Patch (1/4-20 x 2-1/2")	1	2
16			Screw, Hex Head Cap w/ Patch (1/4-20 x 2-1/4")	1	2
NOTE: A - When a new Van Seat Frame is ordered for chairs manufactured before 5/16/02 and use Front Riggings, you must order new Front Rigging Hanger Assemblies made 5/16/02 thru 8/31/02 as well. See Front Rigging Hanger Assembly page. B - Before 9/1/02 C - After 8/31/02 D - For Van Seats without Solid Base Seats. Includes items 2-7. E - For Van Seats with Solid Base Seats. Includes items 11-16. NOTE: Seat Height Adjustment Slide Tubes can be found with the Side Frames and Hardware.					

Seat Adapter and Mounting Hardware

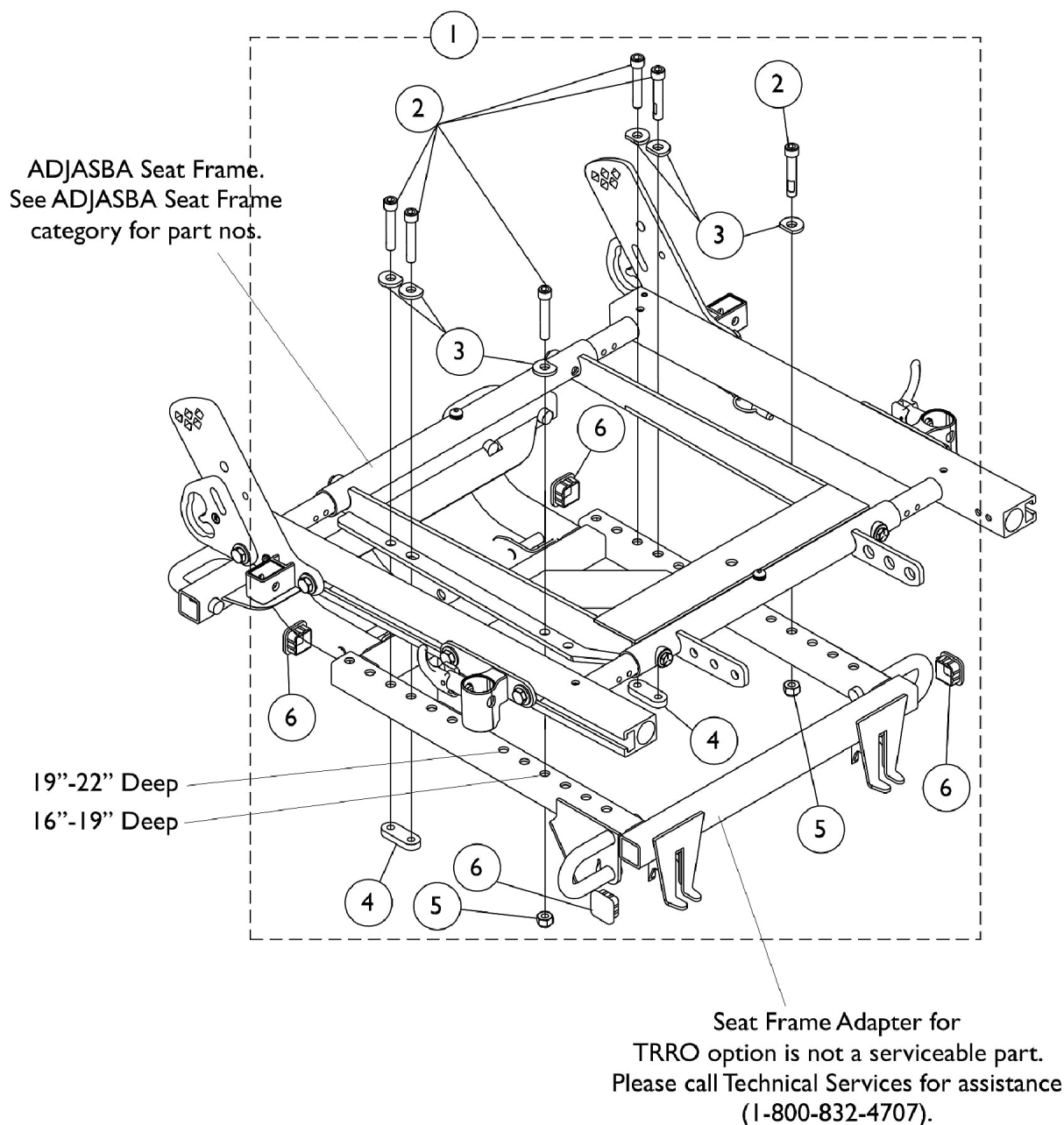
ADJASBA Seats (After 8/07/05)



Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1136009	Kit, Seat Adapter Mounting Hardware - ADJASBA	1	1
2			Screw, Socket Head w/ Patch (5/16-18 x 1-3/4")	1	4
3			Locknut (5/16-18)	1	4
4		1106480	Adapter, Seat Frame	1	1
NOTE: A - Includes items 2 and 3					

Seat Adapter and Mounting Hardware

ADJASBA Seats with TRRO/TRBKTS



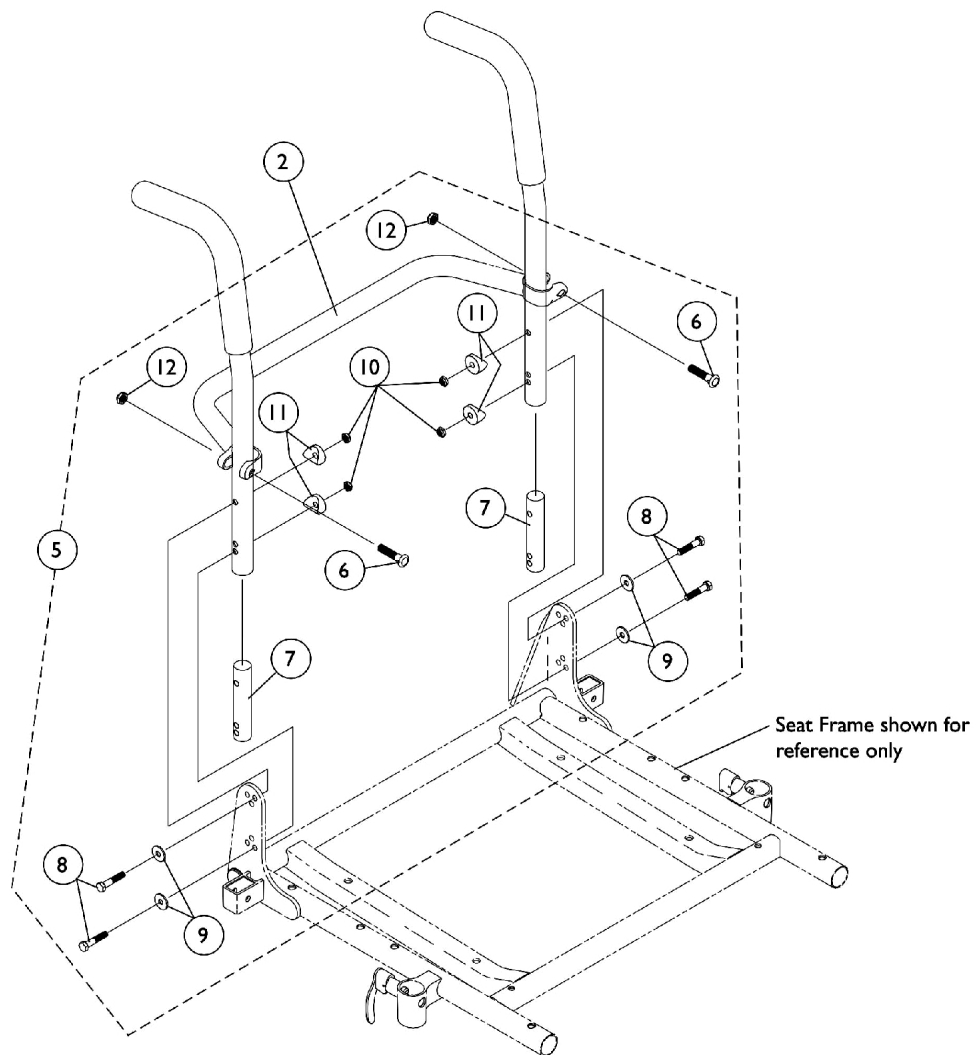
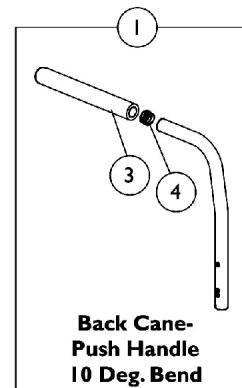
Seat Adapter and Mounting Hardware

ADJASBA Seats with TRRO/TRBKTS

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1139892-NLA	NLA - Kit, Seat Adapter Mounting Hardware - ADJASBA with TRRO/TRBKTS	1	1
2			Screw, Socket Head w/ Patch (5/16-18 x 1-3/4")	1	6
3			NLA - Washer, Ground (11/32 x 13/16 x 1/8")	1	6
4			NLA - Nut, Strap	1	2
5			Locknut (5/16-18)	1	2
6			Plug Button, Black (1" Square)	1	4

Back Canes, Spreader Bar, and Attaching Hardware

For ASBA Seat (Before 8/08/05)



Back Canes, Spreader Bar, and Attaching Hardware For ASBA Seat (Before 8/08/05)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	See Chart	#1 10° Back Cane with Grip (16-20" Back Height)	1	2
2		See Chart	#2 Spreader Bar (16-20" Wide)	1	1
3		1135506	Package, Foam Hand Grip (9" L)	10	1
4		1130582	Package, Plug Button, Black (7/8")	10	1
5		1070457-NLA	NLA - Kit, Back Cane Attaching Hardware	2	1
6			Screw w/ Lug (5/16-24 x 1-3/8")	1	2
7			Insert, Non-Threaded Back Cane (For Back Heights 20" and Lower)	1	2
8			Screw, Hex Head (1/4-20 x 1-5/8")	1	4
9			Washer (1/4 x 23/32 x 1/16")	1	4
10			Locknut (1/4-20)	1	4
11			Spacer, Coved (1/4 x 11/16 x 1/2")	1	4
12			Locknut (5/16-24)	1	2
NOTE: A - Includes Items 6-12					

#1 10° Back Cane with Grip

16-20" Back Height

16" High	17" High	18" High	19" High	20" High
1045575	1045576	1045577	1045578	1045579-NLA

#2 Spreader Bar

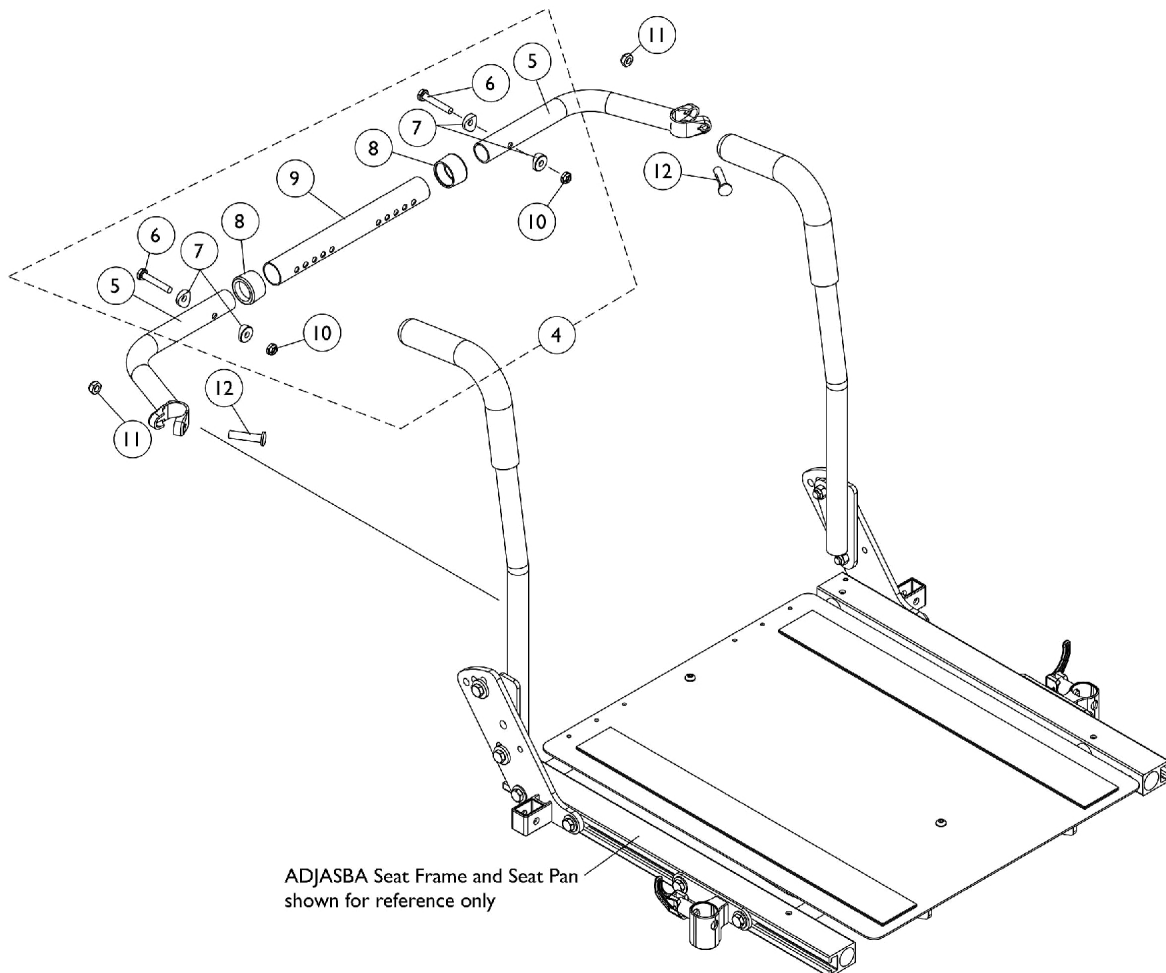
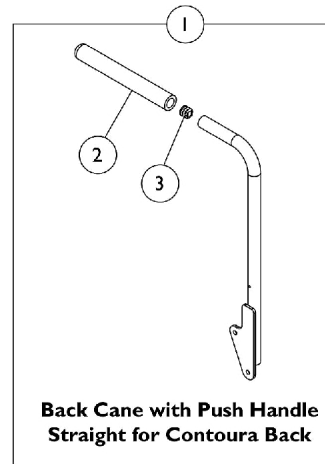
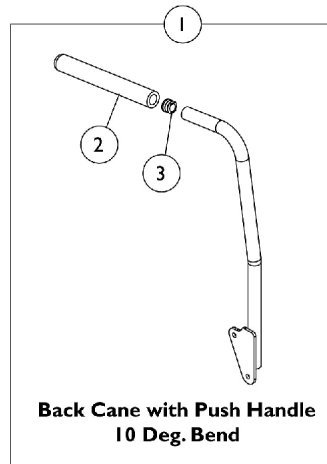
16-20" Wide

16" Wide	17" Wide	18" Wide	19" Wide	20" Wide
1043873	1043874	1043875	1043876	1043877

Back Canes and Spreader Bars

For ADJASBA Seat (After 8/07/05)

Contoura, Curve Contoura Backs for ADJASBA Seating do not utilize a Spreader Bar Assembly.



Back Canes and Spreader Bars

For ADJASBA Seat (After 8/07/05)

Contoura, Curve Contoura Backs for ADJASBA Seating do not utilize a Spreader Bar Assembly.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	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
4		1125709	Kit, Spreader Bar Assembly (16"-20" Wide)	1	1
5			NLA - Handle, Spreader Bar, Black	1	2
6			Screw, Hex Head (1/4-20 x 1-1/2")	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			Locknut (1/4-20)	1	2
4	A	1125710	Kit, Spreader Bar Assembly 20"-24" Wide	1	1
5			NLA - Handle, Spreader Bar, Black	1	2
6			Screw, Hex Head (1/4-20 x 1-1/2")	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 (20 - 24" W)	1	1
10			Locknut (1/4-20)	1	2
11			1025730	Locknut (5/16-24)	1
12		1031026	Screw w/ Lug (5/16-24 x 1-3/8")	1	2
NOTE: A - Includes items 5-10					

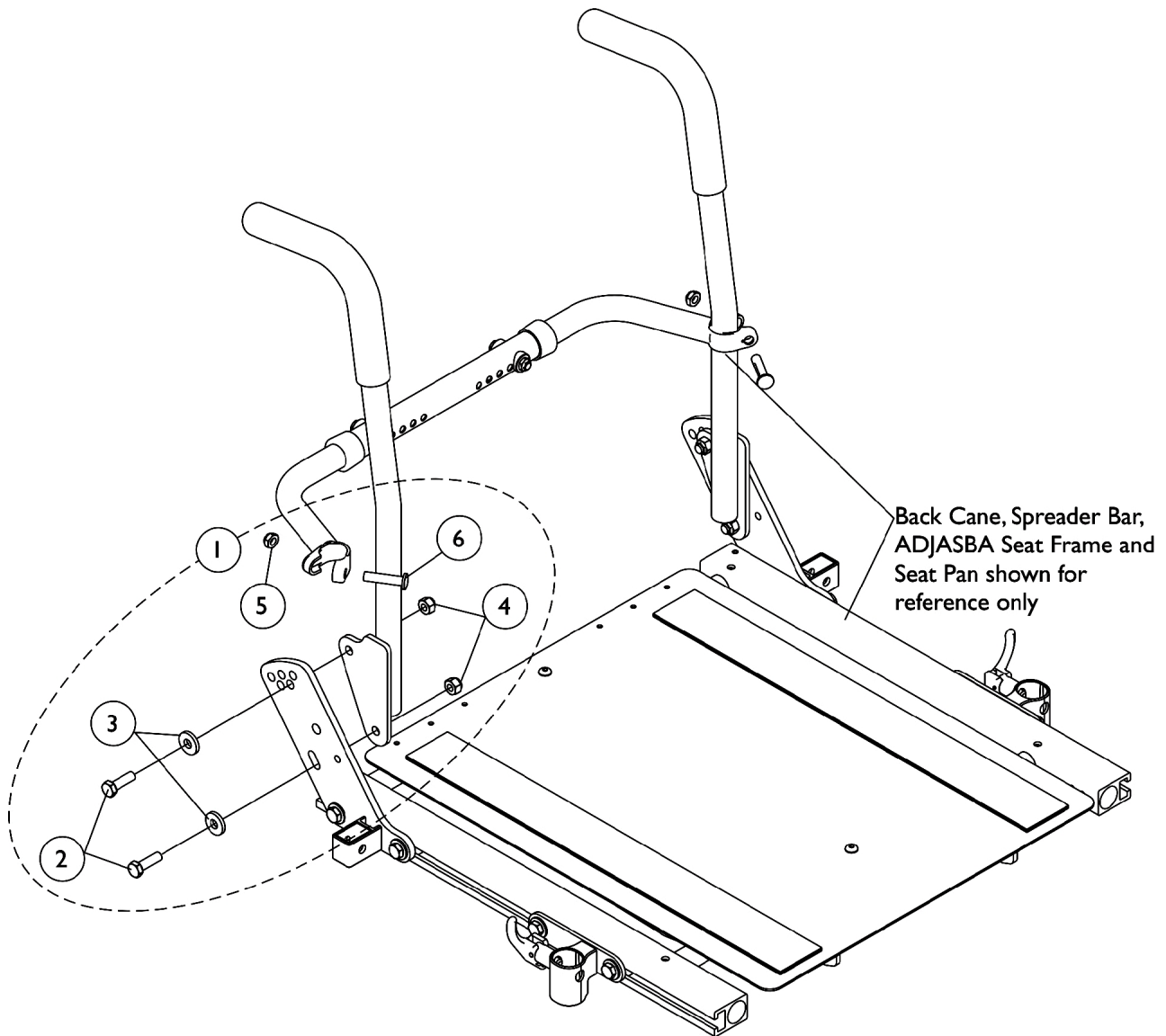
#1 Back Cane Assemblies

Back Cane Assemblies include Foam Grips and Plug Buttons where shown

Back Height	Back Cane - Push Handle 10 Deg. Bend Right	Back Cane - Push Handle 10 Deg. Bend Left	Back Cane - Push Handle Straight for Contoura Right	Back Cane - Push Handle Straight for Contoura Left
16"	1133822	1133823	N/A	N/A
17"	1133824	1133825	N/A	N/A
18"	1133826	1133827	1143334 See Note(s) A	1143335 See Note(s) A
19"	1133828	1133829	N/A	N/A
20"	1133830	1133831	N/A	N/A
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.				

Back Cane Attaching Hardware

For ADJASBA Seat (After 8/07/05)

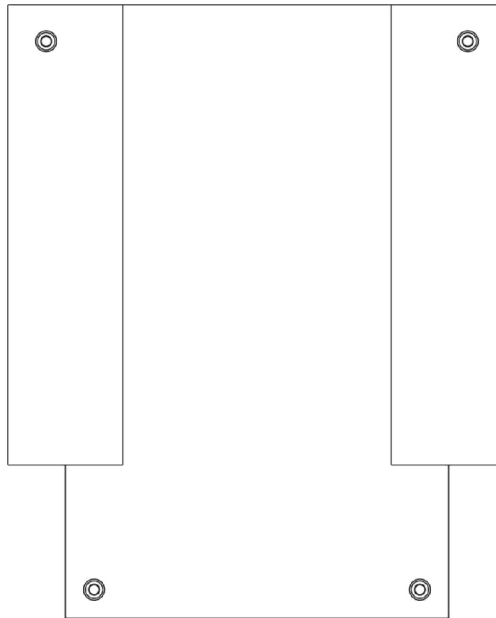


Back Cane Attaching Hardware For ADJASBA Seat (After 8/07/05)

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
NOTE: A - Includes items 2-6					

ASBA and ADJASBA Back Upholstery

Back Upholstery Attaching Hardware



Back Upholstery - Nylon

Back Upholstery - Black Nylon

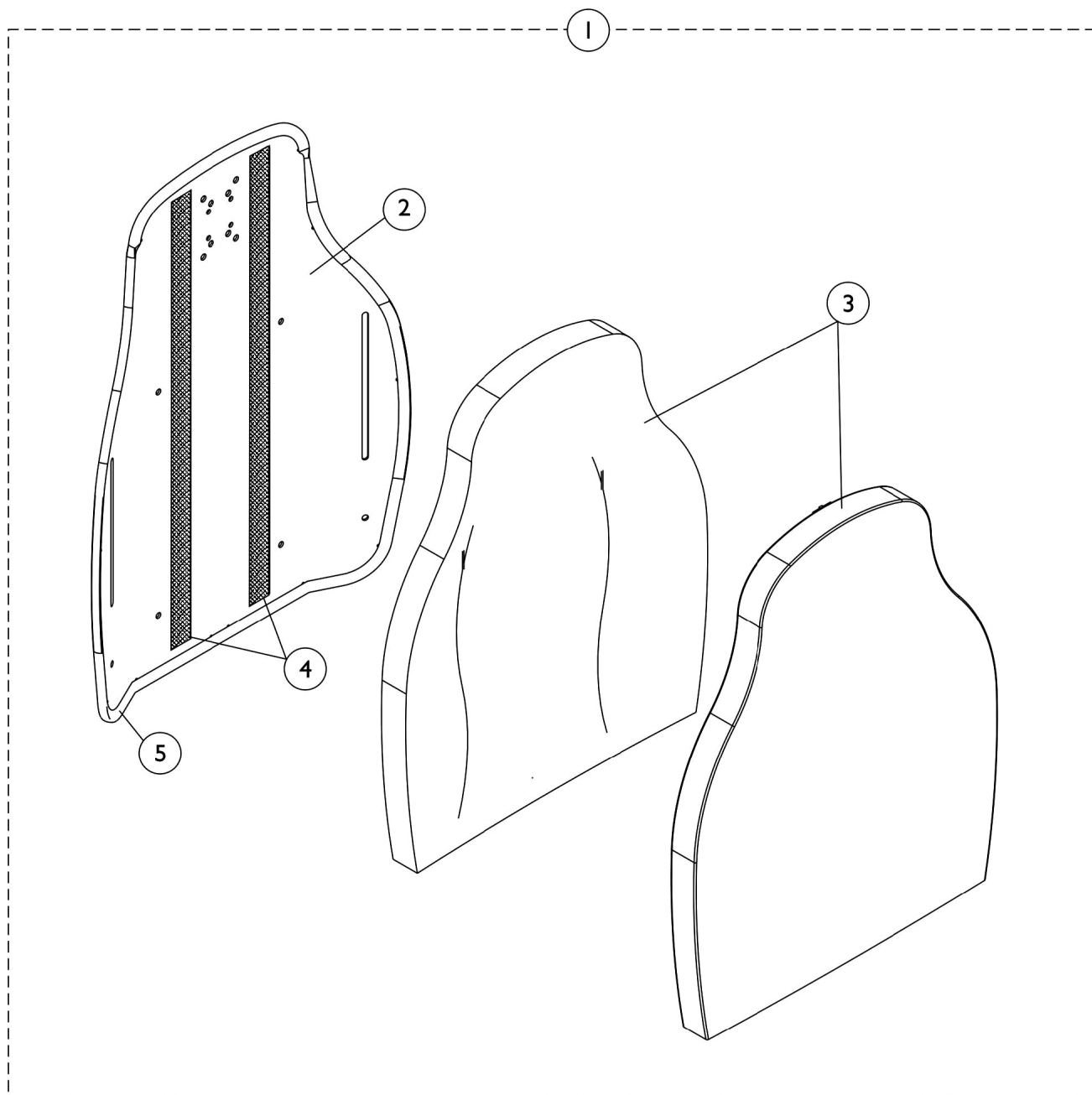
Back Height	16" Wide	17" Wide	18" Wide	19" Wide	20" Wide
16-17" High	1045175	1045176	1045177	1045183	1045185
18-19" High	1045207	1045208	1045209	1045215	1045216
20" High	1068947	1068948	1068949	1068955	1068956

Back Upholstery Attaching Hardware

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
	A	1029850	Hardware, Back Upholstery	2	1
		See Chart	Back Upholstery - Black Nylon	1	1

NOTE: A - Includes - Screws with Washers (#10 x 7/8") (2 ea.) - Cable Ties (2 ea.)

Contoura Back without Mounting Hardware - ADJASBA Only - Before 5/15/09



Contoura Back without Mounting Hardware - ADJASBA Only - Before 5/15/09

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

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

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

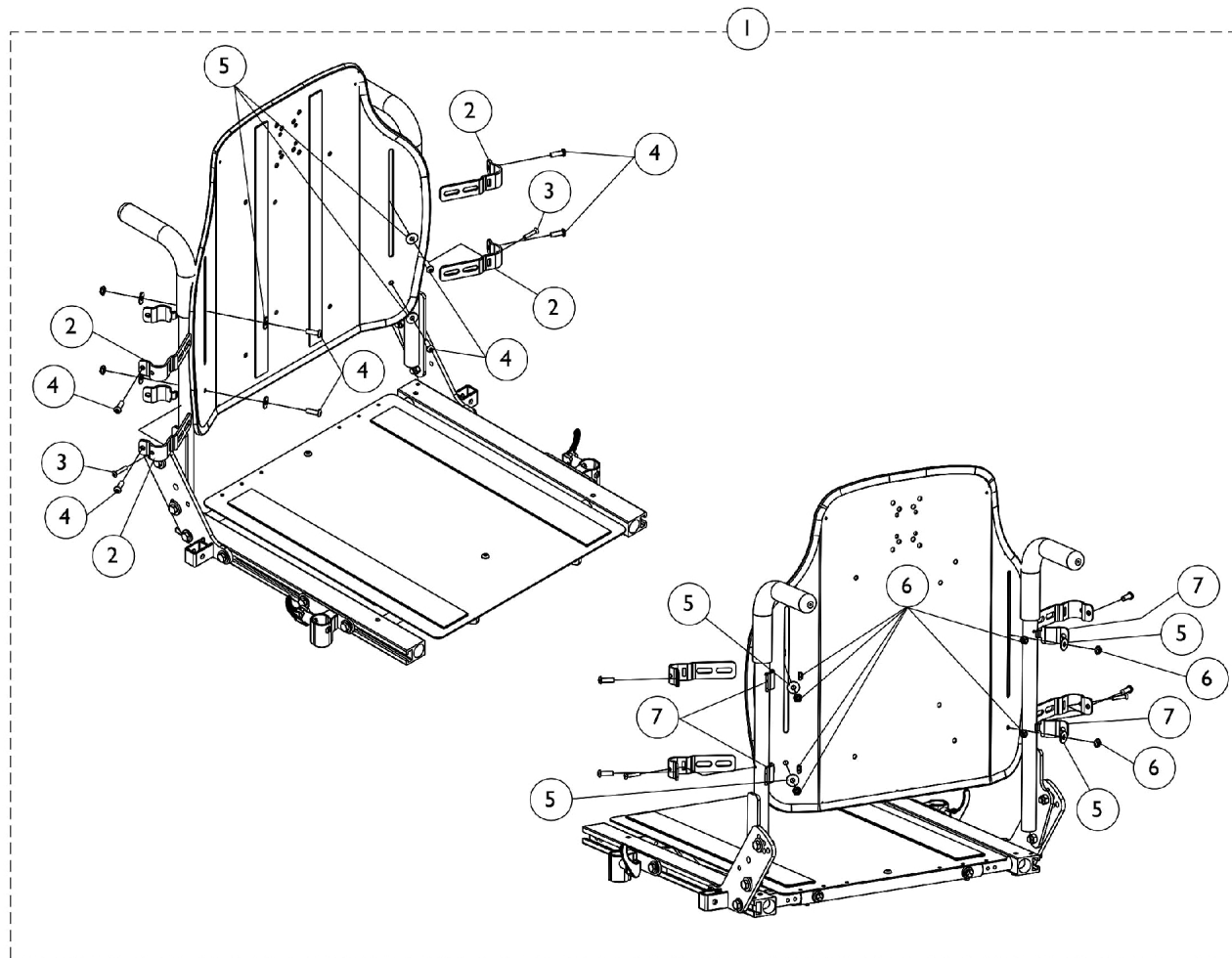
Overall Back Height	Material Back Height	16" Wide	18" Wide	20" Wide
25"	20"	1131405-NLA	1131406-NLA	1131407-NLA
29"	24"	1131410-NLA	1122454-NLA	1122453-NLA

#3 Back Cushion Assembly 16", 18", & 20" Wide

Overall Back Height	Material Back Height	16" Wide	18" Wide	20" Wide
25"	20"	1132820-NLA	1132821-NLA	1132822-NLA
29"	24"	1132817-NLA	1125641-NLA	1125642-NLA

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		See Chart	#1 Back Assembly without Hardware 16", 18", & 20" Wide	1	1
2		See Chart	#2 Back Pan with Vinyl Edge Trim 16", 18", & 20" Wide	1	1
3		See Chart	#3 Back Cushion Assembly 16", 18", & 20" 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

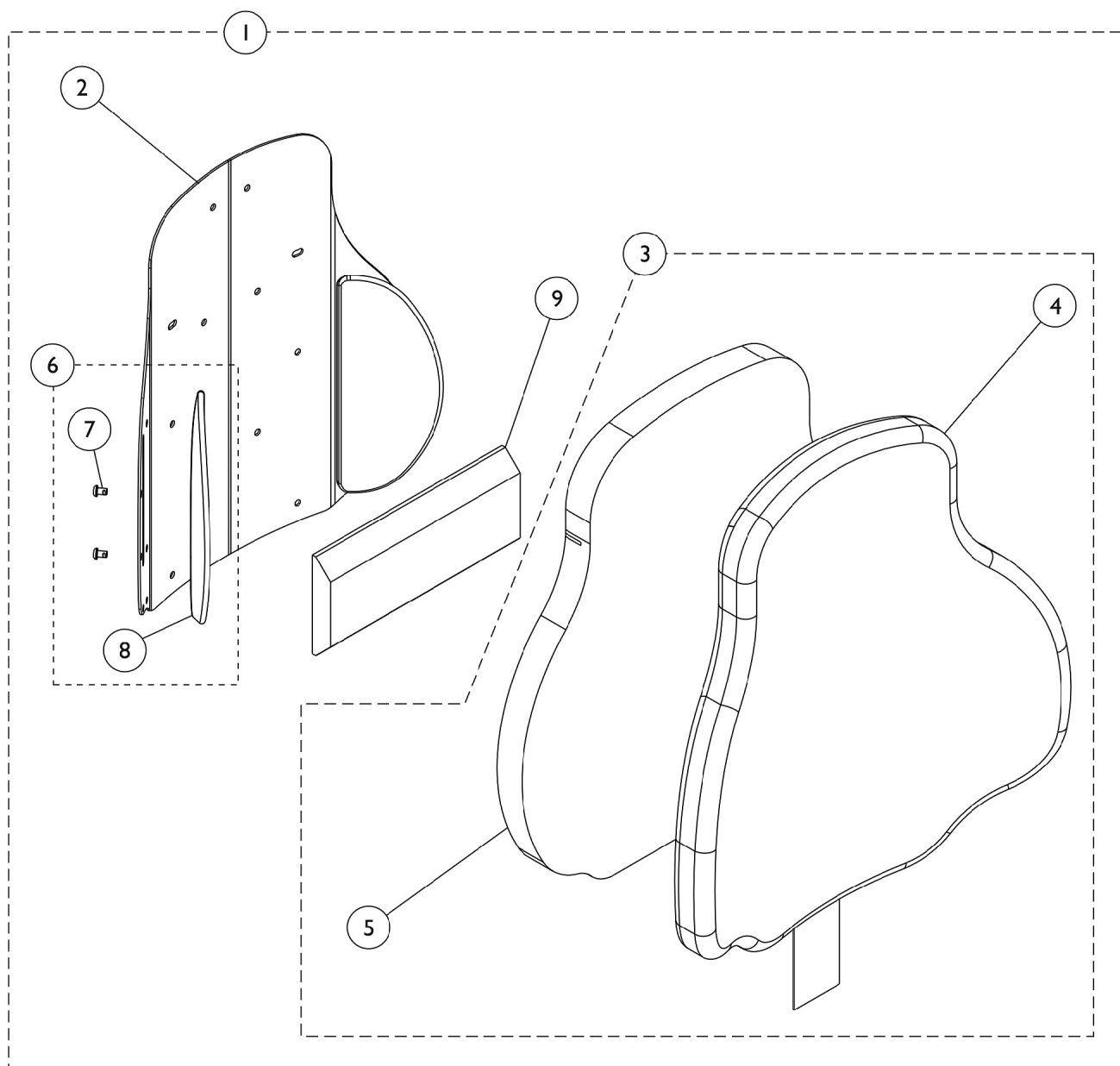
Contoura Back Mounting Hardware - ADJASBA Only - Before 5/15/09



Contoura Back Mounting Hardware - ADJASBA Only - 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 Back w/o Mounting Hardware - After 5/14/09



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

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" High	17" High	1165846 See Note(s) A	1165847 See Note(s) A	1165848 See Note(s) A
25" High	20" High	1161480 See Note(s) A	1161482 See Note(s) A	1161484 See Note(s) A
28" High	23" High	1161481 See Note(s) A	1161483 See Note(s) A	1161485 See Note(s) A
NOTE: A - Includes items 2-9 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
---------------------	----------------------	----------	----------	----------

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

#1 Mesh Curved Contoura Back Kit (CTBMSH)

Overall Back Height	Material Back Height	16" Wide	18" Wide	20" Wide
22" High	17" High	1165837 See Note(s) A	1165842 See Note(s) A	1165843 See Note(s) A
25" High	20" High	1164235 See Note(s) A	1164237 See Note(s) A	1164239 See Note(s) A
28" High	23" High	1164236 See Note(s) A	1164238 See Note(s) A	1164240 See Note(s) A
NOTE: A - Includes items 2-9				
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

#3 Curve Contoura Back Cushion Assembly

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

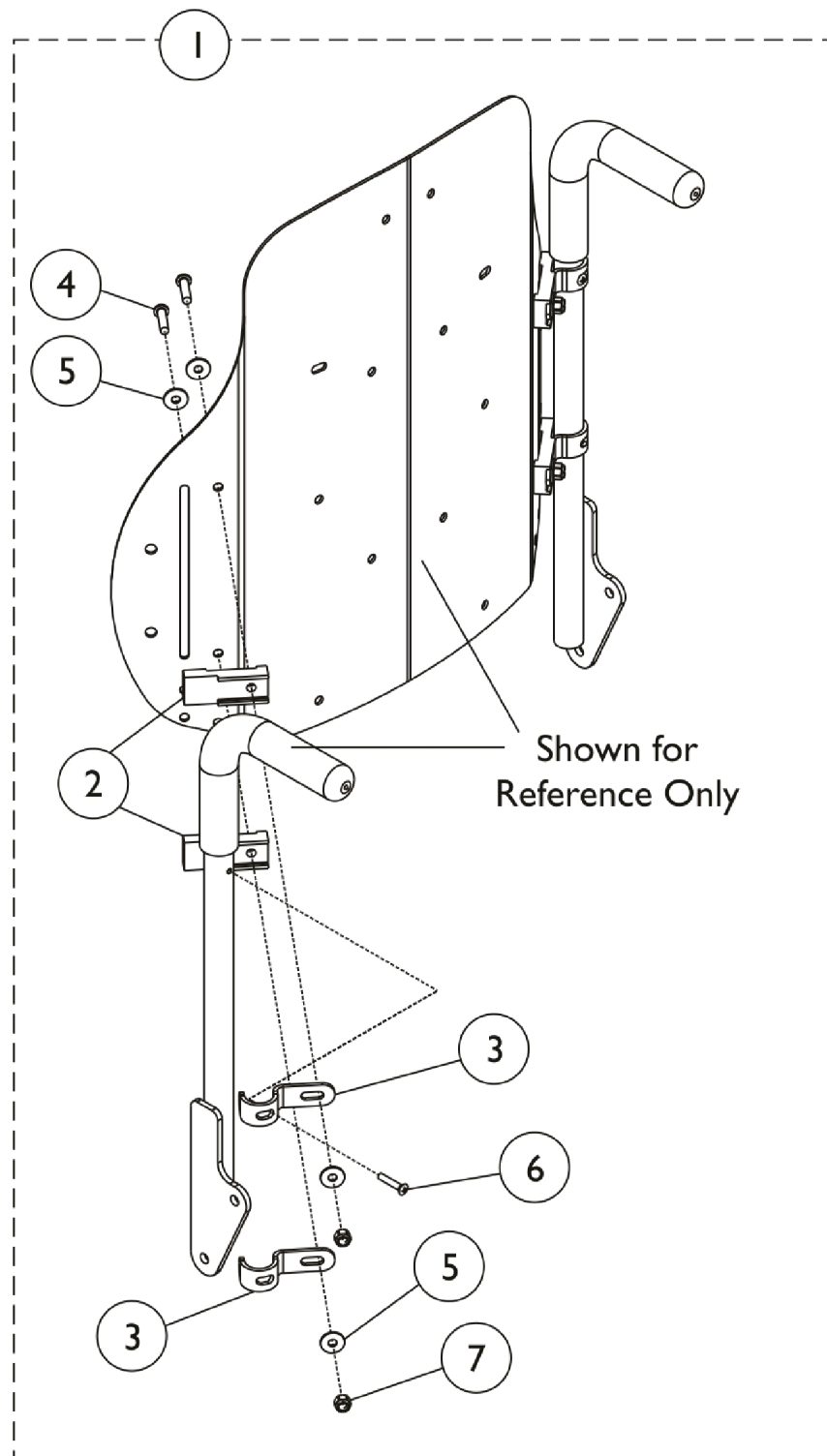
#3 Mesh Curve Contoura Back Cushion Assembly (CTBMSH)

Overall Back Height	Material Back Height	16" Wide	18" Wide	20" Wide
22" High	17" High	1166141 See Note(s) B	1166142 See Note(s) B	1166143 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
28" High	23" High	1171643-NLA See Note(s) B	1171645-NLA See Note(s) B	1171647-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

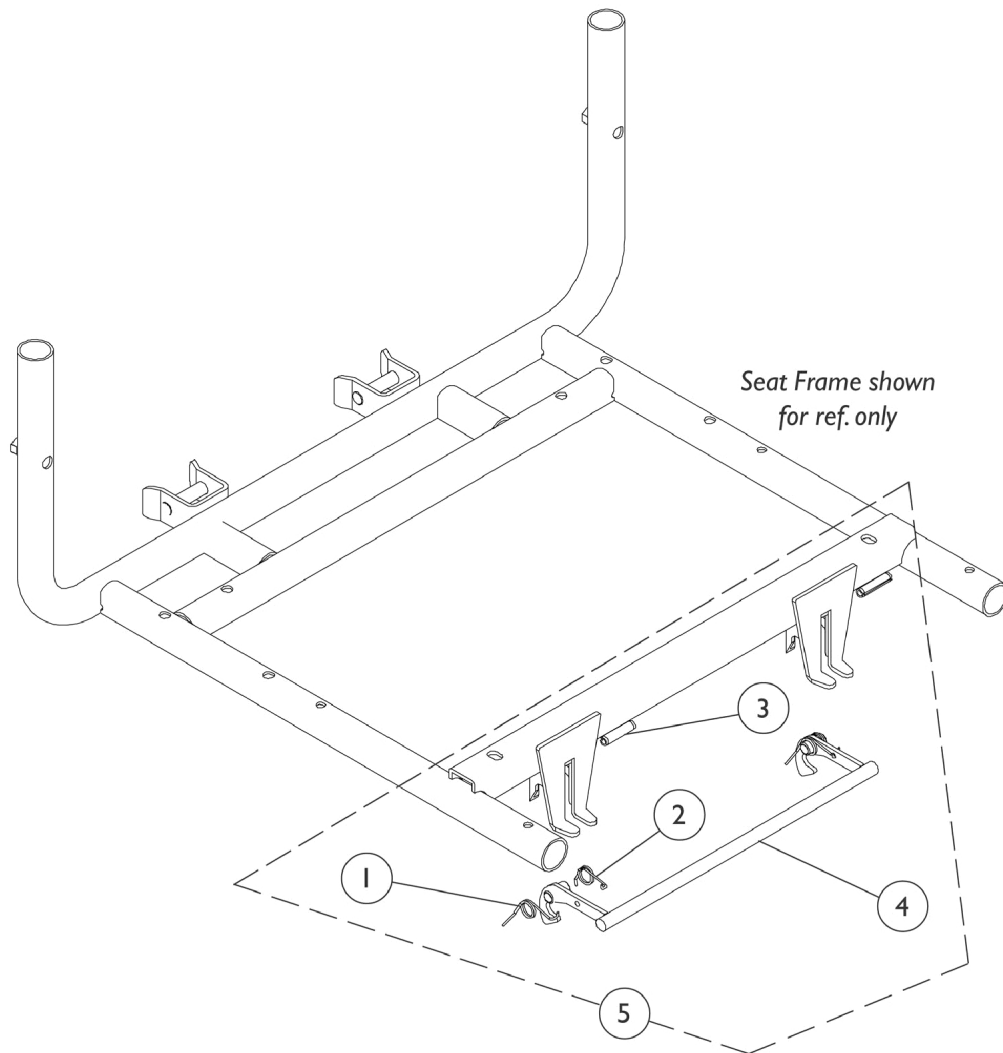
Curve Contoura Mounting Back Hardware - After 5/14/09



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

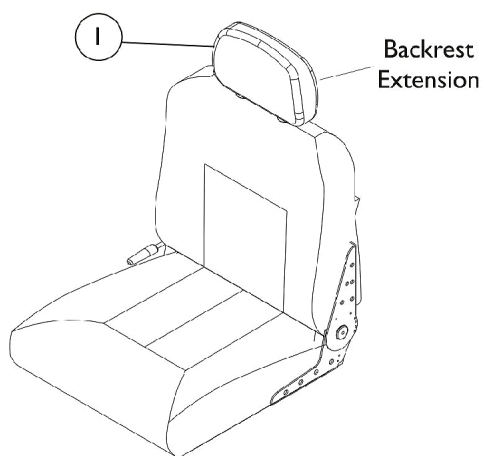
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1157925	Kit, Metal Curved and Curve Contoura Back Mounting Hardware	1	1
2			Spacer, Back Pan, Black	1	4
3			Hook, Back Assembly Mounting	1	4
4			Screw, Socket Button Head (1/4-20 x 1")	1	4
5			Washer (1/4 x 23/32 x 1/16")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

Seat Release Hardware (For Van Seat and ASBA Seat)

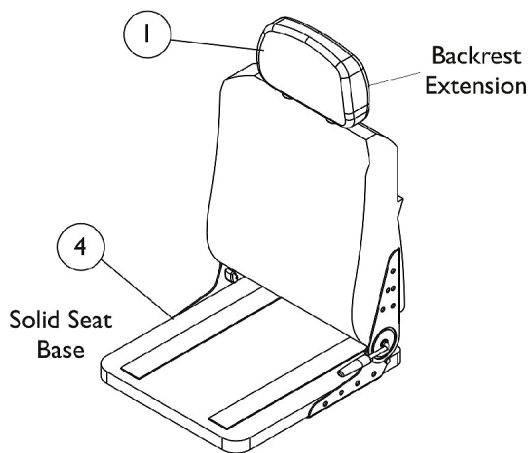


Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1109219-NLA	NLA - Spring, Torsion - Right	1	1
2		1109220-NLA	NLA - Spring, Torsion - Left	1	1
3		1108239-NLA	NLA - Pin, Slotted (1/4 x 1-1/8")	1	2
4		1106476-NLA	NLA - Latch Bar, Seat, Black	1	1
5	A	1108068	Kit, Seat Release Hardware	1	1
NOTE: A - Includes items 1-4					

Van Seat Assembly



**#2 Van Seat
Semi Recline**



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

Van Seat Assembly

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,B	1123384-NLA	NLA - Base, Solid, Captain 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
NOTE: A - Solid Seat Base is the only item available for service parts with regard to the Van Seats. Seat Hinges are not included. B - 16" Solid Base is no longer available. A complete van seat should be ordered as replacement. See chart titled, "Van Seat (Semi-Recline) w/ Solid Seat Base Assembly."					

Van Seat Assembly

#2 Van Seat (Semi-Recline) Assembly

Screw, Phillips Truss	Van Seat with Backrest 16" Wide	Van Seat with Backrest 18" Wide	Van Seat with Backrest 20" 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 See Note(s) A	1150811-NLA	1109254-NLA	1159892-NLA	1116634 See Note(s) A	1116635 See Note(s) A	5000136 See Note(s) B
All Grey Vinyl	1150810	1109242	1159891	1116634 See Note(s) A	1116635 See Note(s) A	5000136 See Note(s) B
All Tan Vinyl	1150812-NLA	1109248-NLA	1159893-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" wide seats). Recline release levers are standard on the right side. Left side release levers can be ordered as a special with a new captain seat.

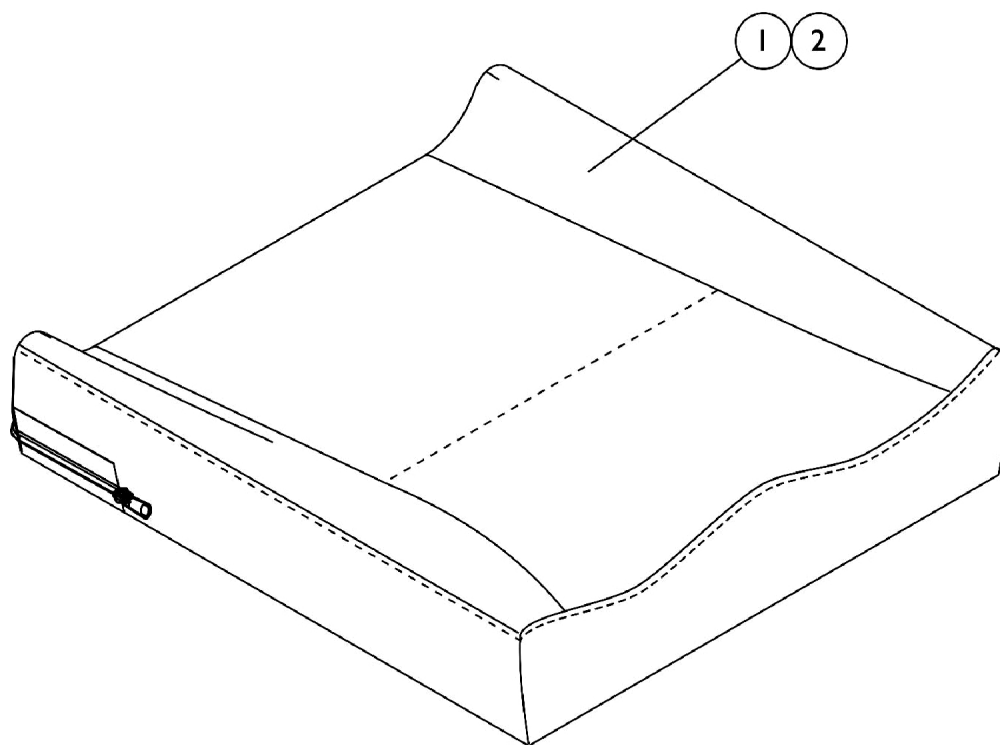
#3 Van Seat (Semi-Recline) w/ Solid Seat Base Assembly

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
All Grey Fabric	N/A	N/A	N/A
All Tan Vinyl	N/A	N/A	N/A
All Grey Vinyl	1150819	1150820	1159886

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" wide seats). Recline release levers are standard on the right side. Left side release levers can be ordered as a special with a new captain seat.

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
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
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
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

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
16" Wide	1132953-NLA	1132954-NLA	1132955-NLA	1132956-NLA	1132957-NLA
18" Wide	1132958-NLA	1132959-NLA	1132960-NLA	1132961-NLA	1132962-NLA
20" Wide	1132963-NLA	1132964-NLA	1132965-NLA	1132966-NLA	1132967-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

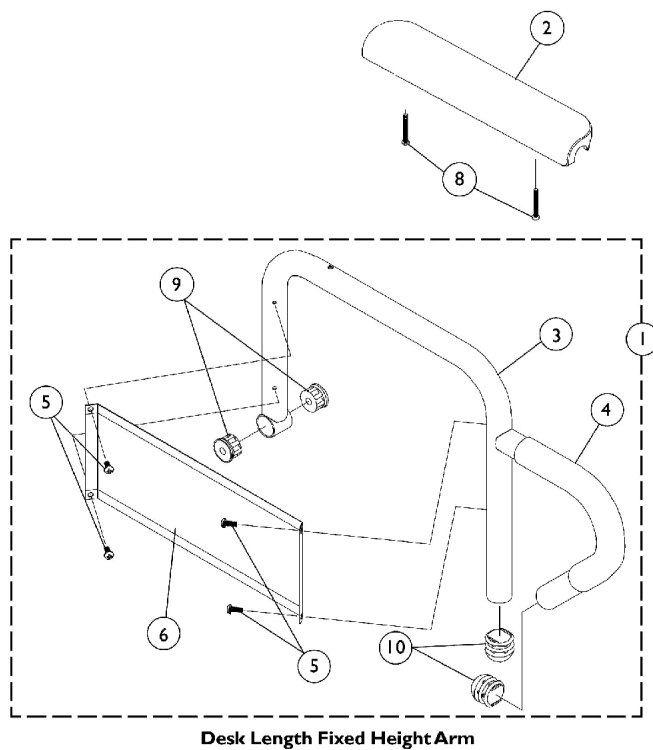
#2 Contoura Seat Cushion Cover After 12/15/10

Chair Width	16" Deep	17" Deep	18" Deep	19" Deep	20" Deep
16" Wide	1167372	1167373-NLA	1167374	1167375	1167376
18" Wide	1167377	1167378-NLA	1167379	1167380	1167381
20" Wide	1167382	1167383-NLA	1167384	1167385	1167386

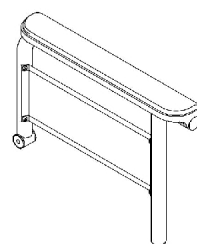
#2 Contoura Seat Cushion Cover, Mesh (CTBMSH)

Chair Width	16" Deep	17" Deep	18" Deep	19" Deep	20" Deep
16" Wide	1164208	1164209	1164210	1164211	1164212
18" Wide	1164213	1164214	1164215	1164216	1164217
20" Wide	1164218	1164219	1164220	1164221	1164222

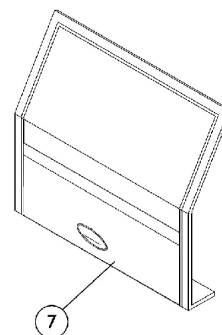
Arms - Fixed Height



Desk Length Fixed Height Arm



**Full Length
Fixed Height Arm**



Arms - Fixed Height

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		See Chart	#1 Fixed Height Arms w/o Pad	1	1
2	A,B	1102585-NLA	NLA - Pad, Arm, 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	A,C	1102586-NLA	NLA - Pad, Arm, Desk Length, Urethane Waterfall, Black	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		See Chart	#3 Arm Tube - Fixed Height	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		1044572-NLA	NLA - Guard, Clothing, Full Length (16 - 19" D)	1	1
6		1044005-NLA	NLA - Guard, Clothing, Full Length (20" and Deeper)	1	1
7		1035065	Cover, Clothing Guard w/ Pocket, FXDESK & ADJFULL/ADJDESK	1	1
7		1044588	Cover, Clothing Guard with Pocket Fixed Height Full Length (20" and Deeper)	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 - As of 1/3/02 upholstered waterfall armpads were replaced with black urethane waterfall armpads. Order in pairs with screws for chairs built before 1/3/02 B - No longer available, use 1110818 as a replacement. C - No longer available, use 1110817 as a replacement.					

#1 Fixed Height Arms w/o Pad

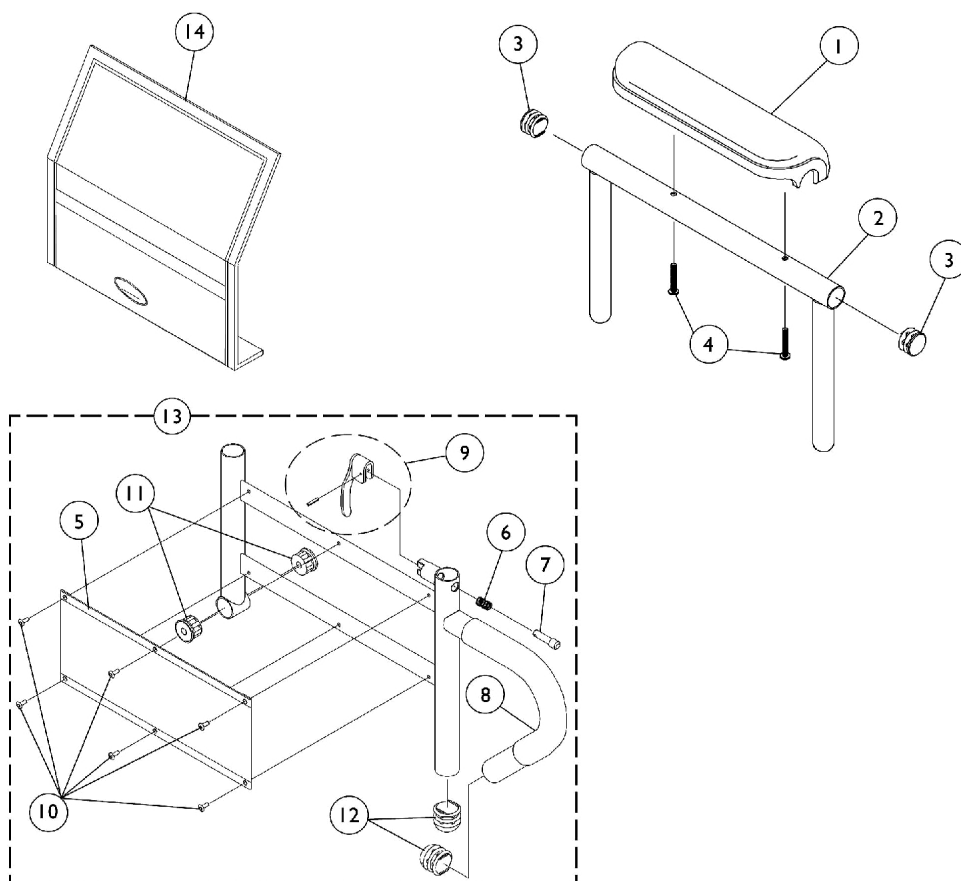
Chair Seat Depth	Arm Style	Part Number
16-19"	Desk -Right	1068566-NLA
16-19"	Desk -Left	1068567-NLA
16-19"	Full -Right	1068559-NLA
16-19"	Full -Left	1068560-NLA
20"	Desk -Right	1068540-NLA
20"	Desk -Left	1068541-NLA
20"	Full -Right	1068528-NLA
20"	Full -Left	1068529-NLA

Arms - Fixed Height

#3 Arm Tubes - Fixed Height

Chair Seat Depth	Arm Style	Part Number
16-19"	Desk -Right	1068564
16-19"	Desk -Left	1068565-NLA
16-19"	Full -Right	1068490
16-19"	Full -Left	1068491-NLA
20"	Desk -Right	1068414-NLA
20"	Desk -Left	1068415-NLA
20"	Full -Right	1068473-NLA
20"	Full -Left	1068474-NLA

Arms - Adjustable Height

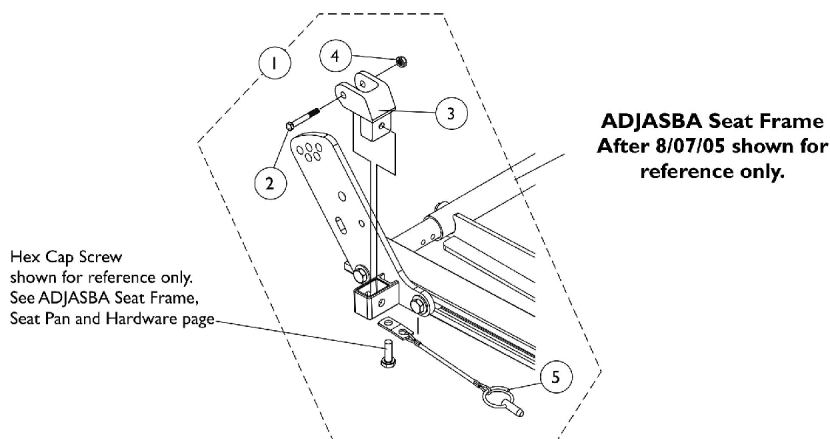
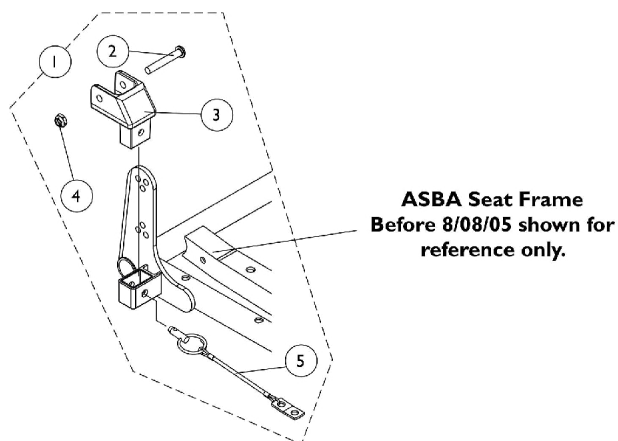


Arms - Adjustable Height

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A,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	A,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		1068416	Arm Base Assembly, Black - Right (16-19" D)	1	1
13		1068417	Arm Base Assembly, Black - Left (16-19" D)	1	1
13		1068418	Arm Base Assembly, Black - Right (20" and Deeper)	1	1
13		1068419	Arm Base Assembly, Black - Left (20" and Deeper)	1	1
14		1035065	Cover, Clothing Guard w/ Pocket, FXDESK & ADJFULL/ADJDESK	1	1
NOTE: A - As of 1/3/02 upholstered waterfall armpads were replaced with black urethane waterfall armpads. Order in pairs with screws for chairs manufactured before 1/3/02. B - After 7/9/07 Invacare recommends ordering armpads in pairs to assure uniform appearance on chair					

Arm Mounting Swingaway Hardware

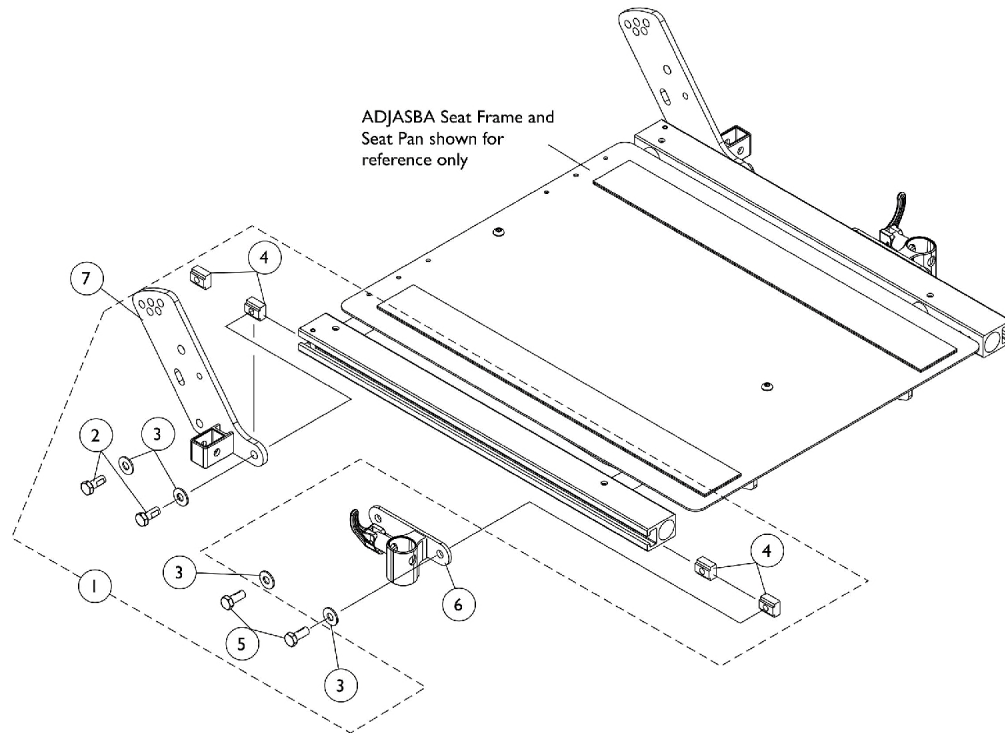
ASBA and ADJASBA Seats



Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1068488	Kit, Swingaway Armrest Mounting Hardware	1	1
2		1019590	Screw, Socket Button Head (1/4-20 x 1-5/8")	1	1
3		1068025	Clevis, Pivot	1	1
4		1025195	Locknut (1/4-20)	1	1
5		1068039	Pin, Pull	1	1
NOTE: A - Includes items 2-5					

Front/Rear Arm Socket Assembly and Hardware

ADJASBA (After 8/07/05 Only)

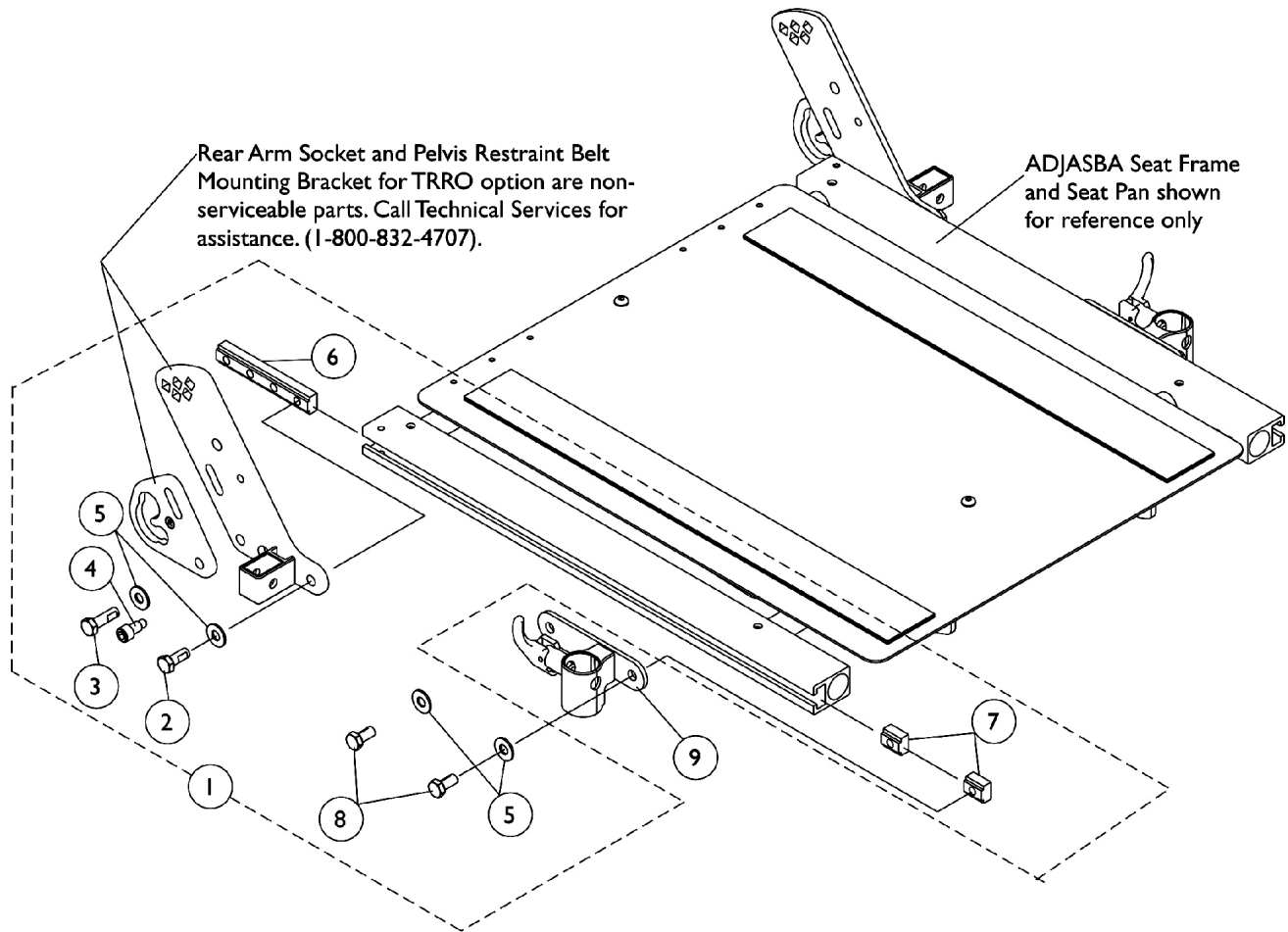


Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1125734	Kit, Front/Rear Arm Socket Assembly Mounting Hardware	1	1
2			Screw, Hex Head w/ Patch (5/16-18 x 3/4")	1	2
3			Washer, Steel (5/16 x 3/4 x 1/16")	1	4
4			T-Nut (5/16-18)	1	4
5			Screw, Hex Head w/ Patch (5/16-18 x 5/8")	1	2
6		1122619	Socket, Arm, Front - Right	1	1
6		1122620	Socket, Arm, Front - Left	1	1
7		1125478	Bracket, Arm Socket/Cane, Rear - Right	1	1
7		1125479	Bracket, Arm Socket/Cane, Rear - Left	1	1

NOTE: A - Includes items 2-5

Front/Rear Arm Socket Assembly and Hardware

ADJASBA Seats with TRRO Option

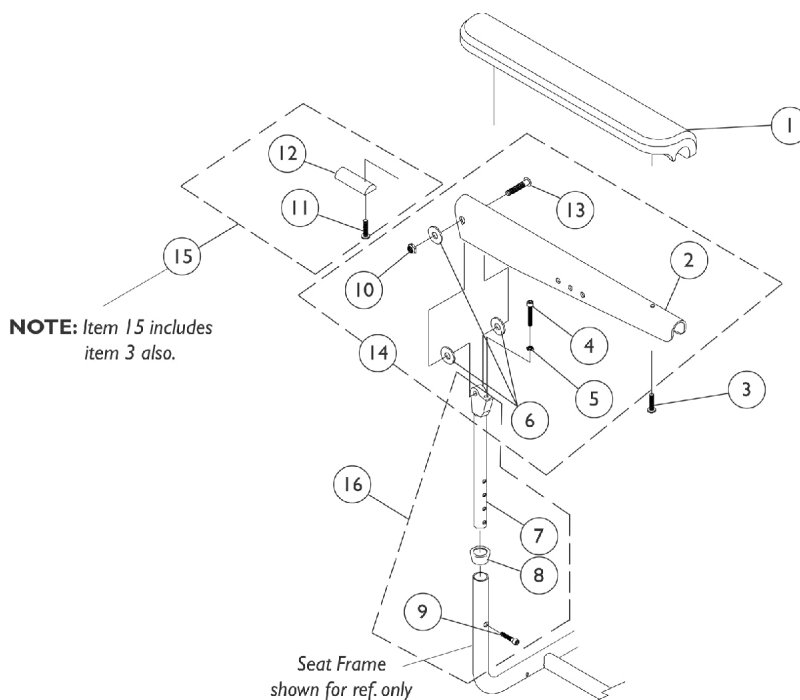


Front/Rear Arm Socket Assembly and Hardware

ADJASBA Seats with TRRO Option

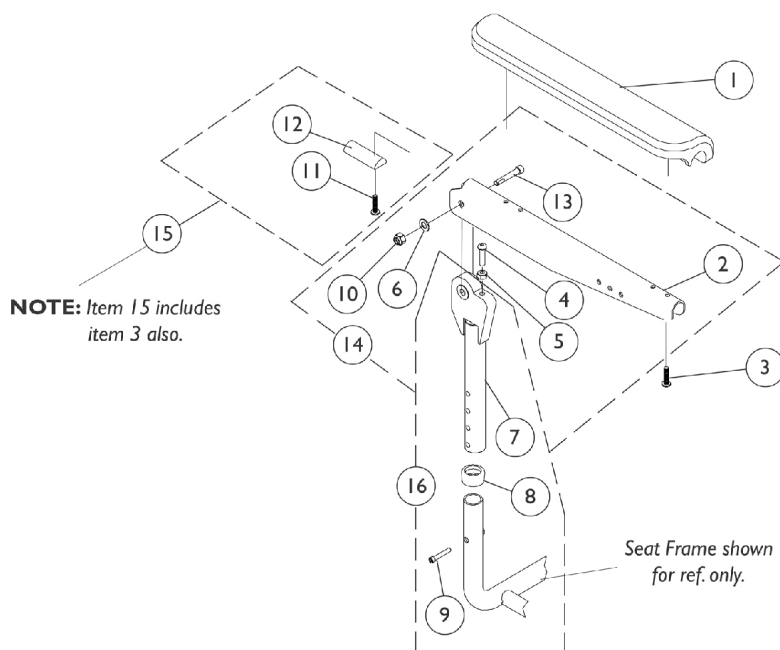
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1136025-NLA	NLA - Kit, Front/Rear Arm Socket Assembly Mounting Hardware For TRRO Option	1	1
2			Screw, Hex Head w/ Patch (5/16-18 x 3/4")	1	1
3			NLA - Screw, Hex Head w/ Patch (5/16-18 x 1")	1	1
4			Screw, Socket Head (5/16-18 x 3/4")	1	1
5			Washer, Steel (5/16 x 3/4 x 1/16")	1	4
6			T-Nut (5/16-18)	1	1
7			T-Nut (5/16-18)	1	2
8			Screw, Hex Head w/ Patch (5/16-18 x 5/8")	1	2
9		1122619	Socket, Arm, Front - Right	1	1
9		1122620	Socket, Arm, Front - Left	1	1

Arms - Van Seat and Hardware 18" Wide Models (Before 9/1/02)



Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1117328	Kit, Arm Pad w/ Screws, Full Length, Urethane Waterfall, Black (13" L x 2-5/8" W)	1	2
2		1071359-NLA	NLA - Plate, Armrest (Black)	1	2
3		1028755	Screw, Phillips Pan Head (#10-32 x 5/8")	1	4
4		1009837	Screw, Socket Button Head (1/4-20 x 1")	1	2
5		1025711-NLA	NLA - Nut, Hex (1/4-20)	1	2
6		1025704	Washer, Flat (5/16 x 5/8 x 1/16")	1	6
7		1070928	Tube, Arm, Upper Height and Width Adjustable, Black	1	2
8		15680X013	Anti-Rattle (1")	1	2
9		1003545	Screw, Socket Head (1/4-20 x 1-1/4")	1	2
10		1026906-NLA	NLA - Locknut (5/16-24)	1	2
11		1102546-NLA	NLA - Screw, Phillips Pan Head (#10-32 x 7/8")	1	2
12		1070106-NLA	NLA - Insert, Armrest, Black	1	2
13		1031026	Screw w/ Lug (5/16-24 x 1-3/8")	1	2
14	B	1074120-NLA	NLA - Kit, Armrest Attaching Hardware (Pair)	2	1
15	C	1073378-NLA	NLA - Kit, Arm Pad Attaching Hardware	2	1
16	D	1070756-NLA	NLA - Arm Tube Assembly, Upper Adjustable (Pair)	2	1
NOTE: A - As of 1/3/02 upholstered waterfall arm pads were replaced with black urethane waterfall arm pads. Order in pairs for chairs manufactured before 1/3/02. B - Includes items 2, 4, 5, 6, 10, 13 C - Includes items 3, 11, 12 D - Includes items 7-9					

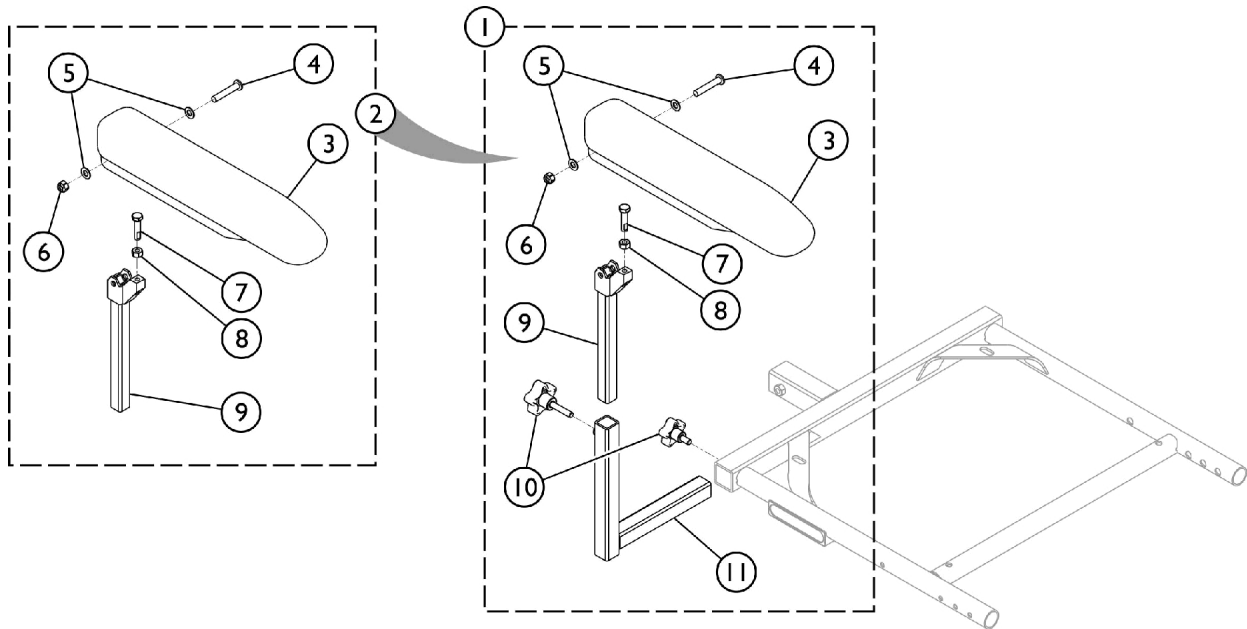
Arms - Van Seat and Hardware 20" Wide Models (Before 9/1/02)



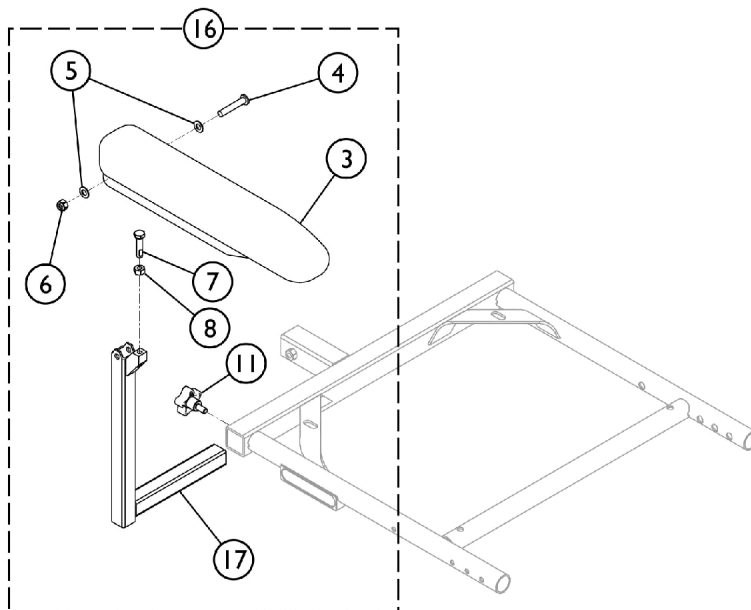
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1117328	Kit, Arm Pad w/ Screws, Full Length, Urethane Waterfall, Black (13" L x 2-5/8" W)	1	2
2		1101912-NLA	NLA - Plate, Armrest	1	2
3		1028755	Screw, Phillips Pan Head (#10-32 x 5/8")	1	2
4		1009837	Screw, Socket Button Head (1/4-20 x 1")	1	2
5		1025711-NLA	NLA - Nut, Hex (1/4-20)	1	2
6		1025704	Washer, Flat (5/16 x 5/8 x 1/16")	1	2
7		1101914-NLA	NLA - Tube, Arm, Upper Adjustable, Black	1	2
8		1101110-NLA	NLA - Anti-Rattle	1	2
9		1038379	Screw, Socket Head Cap w/ Patch (1/4-20 x 1-1/2")	1	2
10		1026906-NLA	NLA - Locknut (5/16-24)	1	2
11		1102546-NLA	NLA - Screw, Phillips Pan Head (#10-32 x 7/8")	1	2
12		1101634-NLA	NLA - Insert, Armrest, Black	1	2
13		1031026	Screw w/ Lug (5/16-24 x 1-3/8")	1	2
14	B	1101917-NLA	NLA - Hardware, Armrest Attaching (Pair)	2	1
15	C	1101916-NLA	NLA - Hardware, Arm Pad Attaching (Pair)	2	1
16	D	1101915-NLA	NLA - Arm Tube Assembly, Upper Adjustable (Pair)	2	1
NOTE: A - As of 1/3/02 upholstered waterfall arm pads were replaced with black urethane waterfall arm pads. Order in pairs for chairs manufactured before 1/3/02. B - Includes items 2, 4, 5, 6, 10, 13 C - Includes items 3, 11, 12 D - Includes items 7-9					

Arms - Van Seat and Hardware

16-20" Wide Models (After 8/31/02)



Adjustable Height/Adjustable Width Arm Assembly



Fixed Height/Adjustable Width Arm Assembly

SHEP_023A

Arms - Van Seat and Hardware

16-20" Wide Models (After 8/31/02)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1142474	Arm Assembly, Adj. Height, Full Length, Black - Right	1	1
1	A	1142475	Arm Assembly, Adj. Height, Full Length, Black - Left	1	1
1	A	1142492	Arm Assembly, Adj. Height, Desk Length, Black - Left	1	1
1	A	1142493	Arm Assembly, Adj. Height, Desk Length, Black - Right	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	B	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		1114910	Knob, Adjustment, Black (5/16-18 x 3/4")	1	2
11		1113646	Tube, Arm, Lower Adjustable Width, Black - Right	1	1
11		1113647	Tube, Arm, Lower Adjustable Width, Black - Left	1	1
16	C	1142488	Arm Assembly, Desk Length Fixed Height - Right	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
10			Knob, Adjustment, Black (5/16-18 x 3/4")	1	1
17			NLA - Tube, Arm, Fixed Height, Black - Right	1	1
16	C	1142489	Arm Assembly, Desk Length Fixed Height - Left	1	1
2			Arm Pad, Desk Length, Black Urethane (12-1/4" L x 2-5/8" W)	1	1

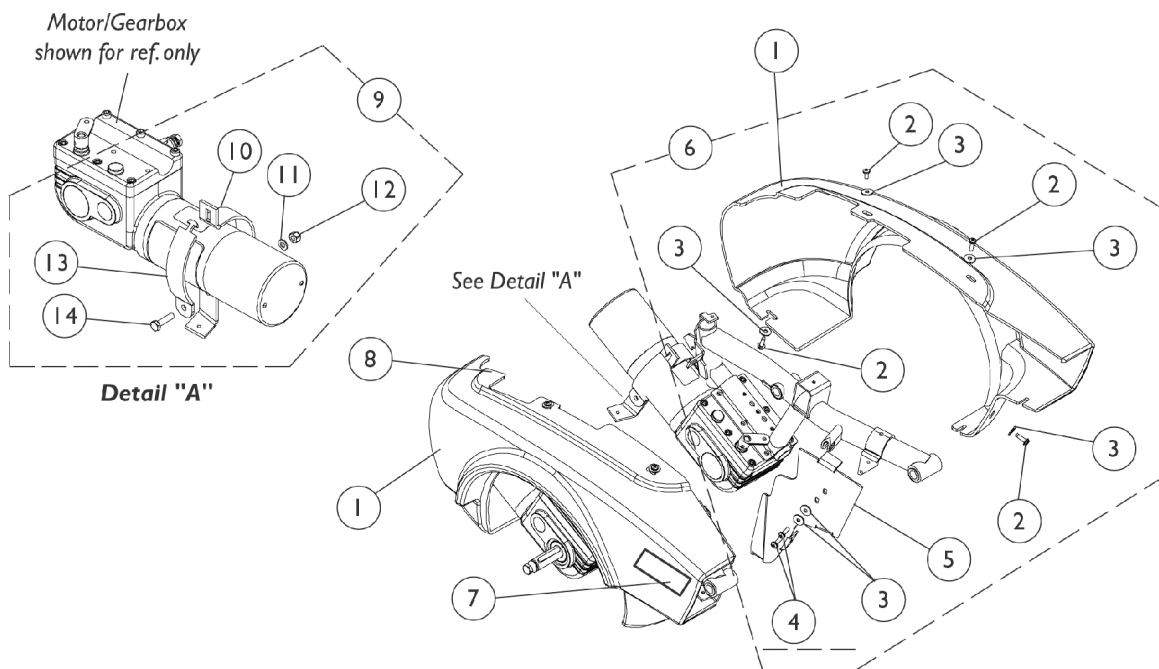
Arms - Van Seat and Hardware

16-20" Wide Models (After 8/31/02)

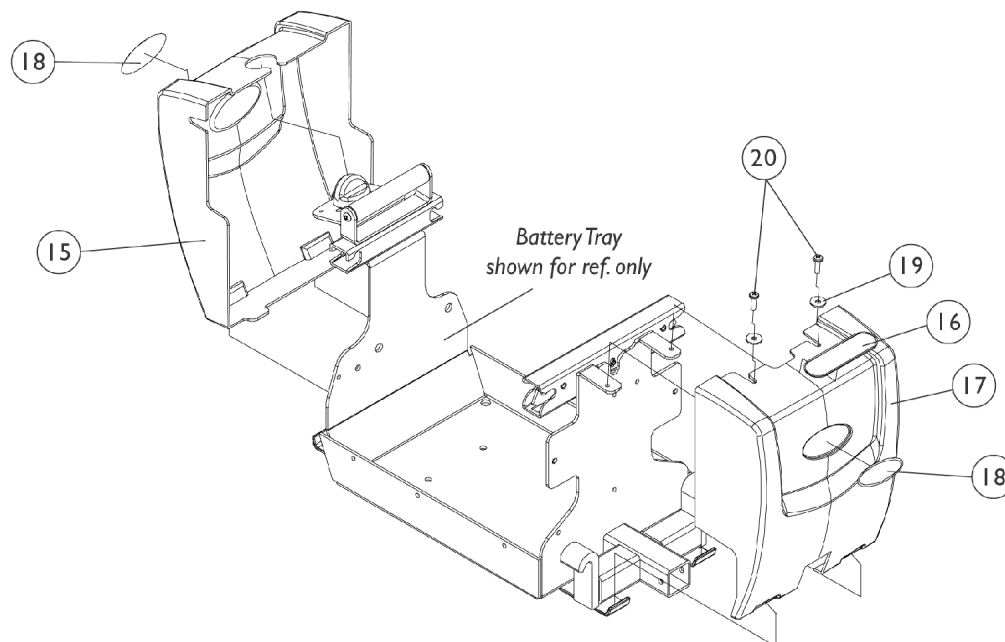
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
3	C	1142483	Screw, Socket Head w/ Patch (5/16-18 x 1-3/4")	1	1
4			Washer, Flat (5/16 x 5/8 x 1/16")	1	2
5			Locknut (5/16-18)	1	1
6			Screw, Hex Head w/ Patch (5/16-18 x 1-1/4")	1	1
7			NLA - Nut, Hex (5/16-18)	1	1
10			Knob, Adjustment, Black (5/16-18 x 3/4")	1	1
17			NLA - Tube, Arm, Fixed Height, Black - Left	1	1
16			Arm Assembly, Full Length Fixed Height - Right	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	C	1142486	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
10			Knob, Adjustment, Black (5/16-18 x 3/4")	1	1
17			NLA - Tube, Arm, Fixed Height, Black - Right	1	1
16			Arm Assembly, Full Length Fixed Height - 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
10			Knob, Adjustment, Black (5/16-18 x 3/4")	1	1
17			NLA - Tube, Arm, Fixed Height, Black - Left	1	1
NOTE: A - Includes items 2 - 11. B - Includes items 3 - 9. C - Includes items 3 - 8, 10, and item 17.					

Shrouds and Attaching Hardware

Before 7/14/03



Side Shrouds



Battery Shrouds

Shrouds and Attaching Hardware

Before 7/14/03

#1 Side Shrouds

(Includes Items 7 and 8)

(Before 8/29/02) - Metallic Black

Right	Left
1109205-NLA	1109206-NLA
NOTE: These shrouds are no longer available. Please refer to the Magic Black chart for pair no. 1112825 as replacements.	

(After 8/28/02) - Magic Black

Right	Left	Pair
1112817-NLA	1112818-NLA	1112825-NLA
See Note(s) A	See Note(s) A	
NOTE: A - No longer available. Use 1112825 as its replacement.		

(Before 7/24/02) - Dark Blue Metallic

Right	Left
1109207-NLA	1109208-NLA
NOTE: These shrouds are no longer available. Please refer to the Dark Blue Pearl chart for pair no. 1112823 as replacements.	

(After 7/23/02) - Dark Blue Pearl

Right	Left	Pair
1112811-NLA	See Note	1112823
See Note(s) A		
NOTE: A - No longer available as a service part in the field.		

(Before 8/9/02) - Candy Apple Red

Right	Left
1109203-NLA	1109204-NLA
NOTE: These shrouds are no longer available. Please refer to the Candy Red Pearl chart for pair no. 1112824 as replacements.	

Shrouds and Attaching Hardware

Before 7/14/03

(After 8/8/02) - Candy Red Pearl

Right	Left	Pair
1112805-NLA	1112806-NLA	1112824-NLA

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		See Chart	#1 Side Shrouds Candy Apple Red (Before 8/9/02)	1	1
1		See Chart	#1 Side Shrouds Candy Red Pearl (After 8/8/02)	1	1
1		See Chart	#1 Side Shrouds Dark Blue Metallic (Before 7/24/02)	1	1
1		See Chart	#1 Side Shrouds Dark Blue Pearl (After 7/23/02)	1	1
1		See Chart	#1 Side Shrouds Magic Black (After 8/28/02)	1	1
1		See Chart	#1 Side Shrouds Metallic Black (Before 8/29/02)	1	1
2		1025451	Screw, Slotted Hex Washer Head (#10-32 x 5/8")	1	8
3		1070587	Washer, Flat (3/16 x 5/8 x 1/16")	1	12
4		1028755	Screw, Phillips Pan Head (#10-32 x 5/8")	1	4
5		1106366-NLA	NLA - Plate, Shroud -Right	1	1
5		1106367-NLA	NLA - Plate, Shroud -Left	1	1
6	B	1106343-NLA	NLA - Hardware, Shroud, Side (1 Pair)	1	1
7		1109032-NLA	NLA - Decal, Shroud - Pronto M71	1	1
8		1104797	Decal, Drive/Push	1	1
9	C,E	1108464-NLA	NLA - Kit, Shroud Clamp Hardware - Right	1	1
9	C,E	1108465-NLA	NLA - Kit, Shroud Clamp Hardware - Left	1	1
10		1109036-NLA	NLA - Bracket, Clamp Shroud Mounting, Black - Right	1	1
10		1109037-NLA	NLA - Bracket, Clamp Shroud Mounting, Black - Left	1	1
11		1026907	Washer (1/4 x 1/2 x 1/16")	1	1
12		1025736	Locknut (1/4-20)	1	1
13		1109035-NLA	NLA - Clamp, Shroud	1	1
14		1025713-NLA	NLA - Screw, Hex Head (1/4-20 x 1")	1	1
15	D	1106503-NLA	NLA - Battery Shroud without Decal, Black - Rear	1	1
16		1119281-NLA	NLA - Plate, Name, Patent Numbers	1	1
17	A	1106502-NLA	NLA - Battery Shroud without Decal, Black - Front	1	1
18		1095489	Decal, Invacare 3-D Logo (2-1/2" L)	1	2
19		1070587	Washer, Flat (3/16 x 5/8 x 1/16")	1	2
20		1117240	Screw, Thumb (#10-32 x 1/2")	1	2

NOTE: A - This shroud encompasses the controller as well as the batteries.

B - Includes items 2-5

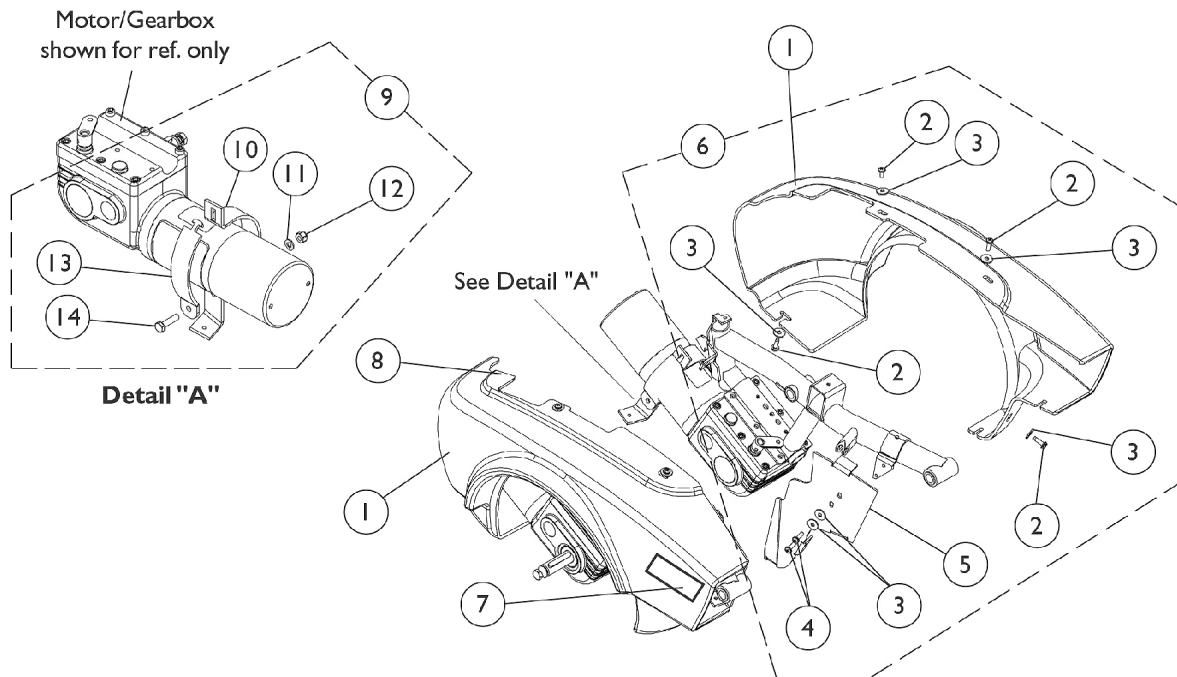
C - Includes items 10-14

D - This shroud encompasses the battery charger as well as the batteries.

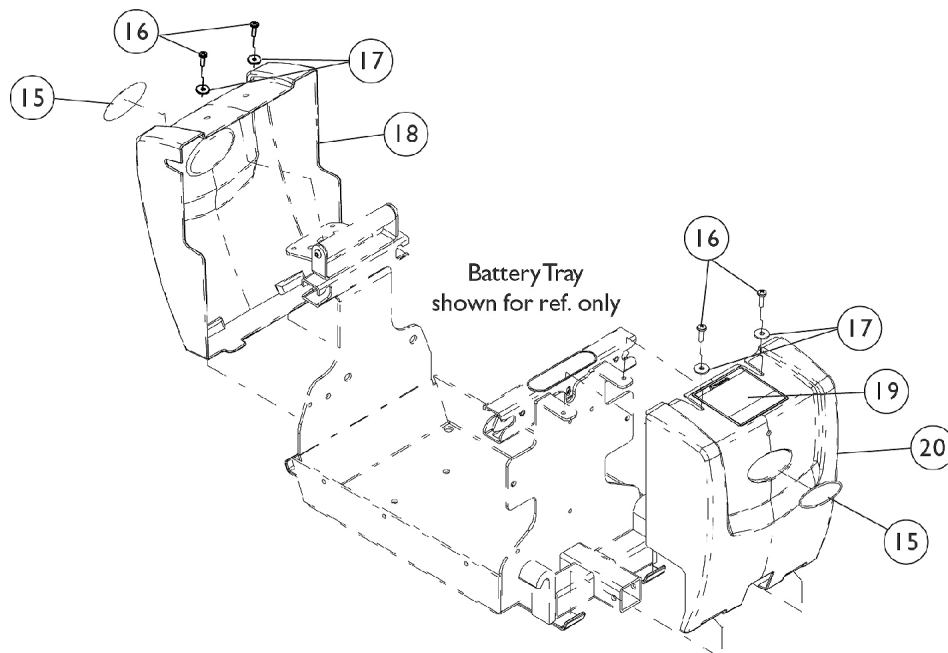
E - This Washer is not required for use after 2/6/07; Kit will not contain the Washer after 2/6/07.

Shrouds and Attaching Hardware

After 7/13/03



Side Shrouds



Battery Shrouds

Shrouds and Attaching Hardware

After 7/13/03

Magic Black

Right	Left	Pair
1112817-NLA See Note(s) A	1112818-NLA See Note(s) A	1112825-NLA
NOTE: A - No longer available. Use 1112825 as its replacement.		

Dark Blue Pearl

Right	Left	Pair
1112811-NLA See Note(s) A	See Note	1112823
NOTE: A - No longer available as a service part in the field.		

Candy Red Pearl

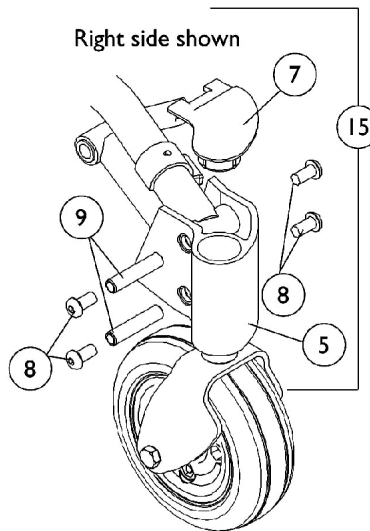
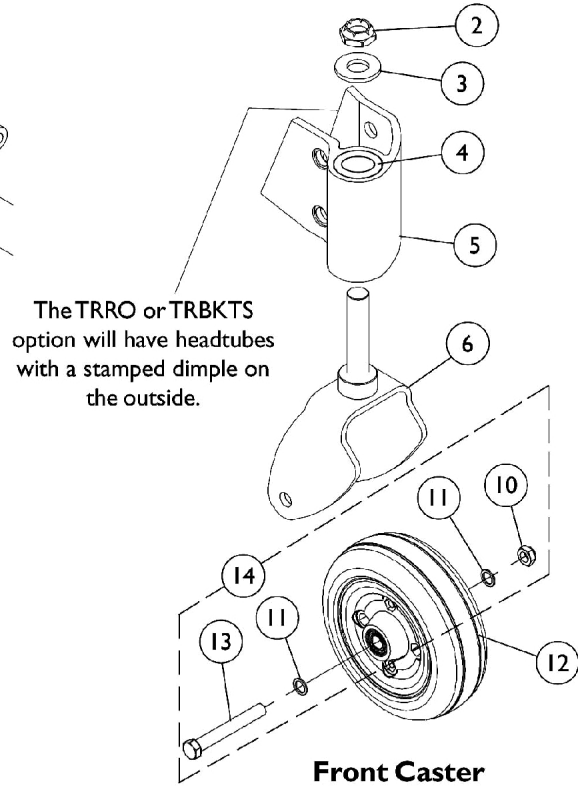
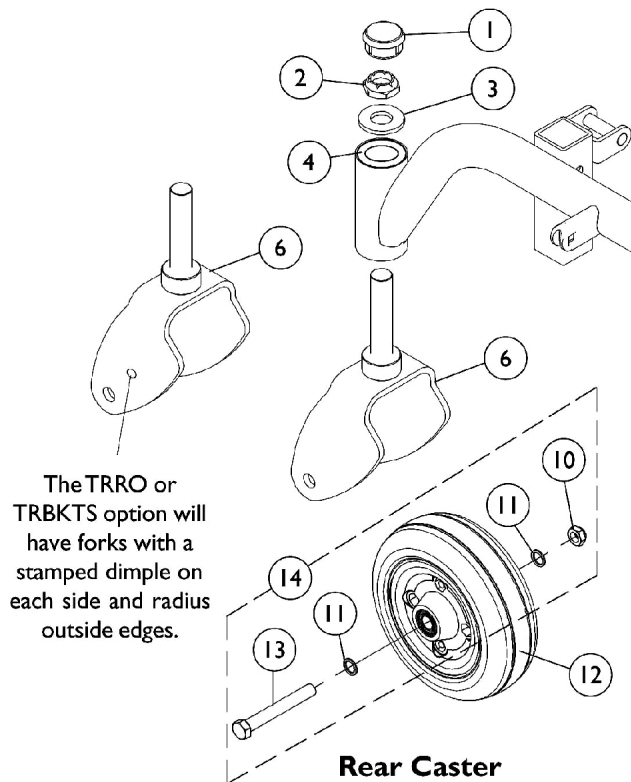
Right	Left	Pair
1112805-NLA	1112806-NLA	1112824-NLA

Shrouds and Attaching Hardware

After 7/13/03

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		See Chart	#1 Side Shrouds Candy Red Pearl	1	1
1		See Chart	#1 Side Shrouds Dark Blue Pearl	1	1
1		See Chart	#1 Side Shrouds Magic Black	1	1
2		1025451	Screw, Slotted Hex Washer Head (#10-32 x 5/8")	1	8
3		1070587	Washer, Flat (3/16 x 5/8 x 1/16")	1	12
4		1028755	Screw, Phillips Pan Head (#10-32 x 5/8")	1	4
5		1106366-NLA	NLA - Plate, Shroud -Right	1	1
5		1106367-NLA	NLA - Plate, Shroud -Left	1	1
6	B	1106343-NLA	NLA - Hardware, Shroud, Side (1 Pair)	2	1
7		1109032-NLA	NLA - Decal, Shroud - Pronto M71	1	1
8		1104797	Decal, Drive/Push	1	1
9	C	1108464-NLA	NLA - Kit, Shroud Clamp Hardware - Right	1	1
9	C	1108465-NLA	NLA - Kit, Shroud Clamp Hardware - Left	1	1
10		1109036-NLA	NLA - Bracket, Clamp Shroud Mounting, Black - Right	1	1
10		1109037-NLA	NLA - Bracket, Clamp Shroud Mounting, Black - Left	1	1
11		1026907	Washer (1/4 x 1/2 x 1/16")	1	1
12		1025736	Locknut (1/4-20)	1	1
13		1109035-NLA	NLA - Clamp, Shroud	1	1
14		1025713-NLA	NLA - Screw, Hex Head (1/4-20 x 1")	1	1
15		1095489	Decal, Invacare 3-D Logo (2-1/2" L)	1	2
16		1117240	Screw, Thumb (#10-32 x 1/2")	1	4
17		1070587	Washer, Flat (3/16 x 5/8 x 1/16")	1	4
18	D	1123240-NLA	NLA - Battery Shroud w/ Decal, Black - Rear	1	1
19		1118381-NLA	NLA - Label, Warning Battery Terminal	1	1
20	A	1123237-NLA	NLA - Battery Shroud with Decals, Black - Front	1	1
NOTE: A - This shroud encompasses the controller as well as the batteries. B - Includes items 2-5 C - Includes items 10-14 D - This shroud encompasses the battery charger as well as the batteries.					

Casters, Forks, and Hardware



Casters, Forks, and Hardware

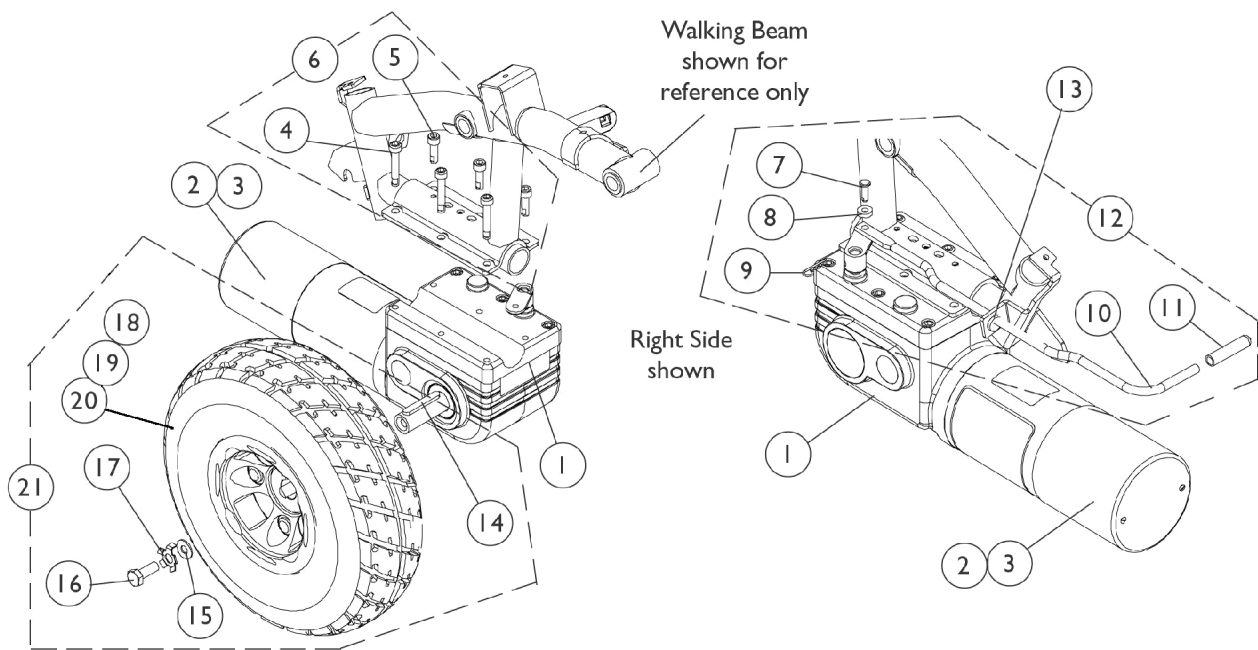
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1105026	Plug Button, Head Tube, Black	1	1
2		1028550	Locknut (5/8-18)	1	1
3		1041444	Washer, Nylon (5/8 x 1-5/16 x 1/8")	1	1
4		40117X006	Bearing (5/8")	1	2
5	G	1109014-NLA	NLA - Headtube, Caster, Black - Right	1	1
5	G	1109015-NLA	NLA - Headtube, Caster, Black - Left	1	1
5	H	1140291-NLA	NLA - Caster Headtube Assembly, TRRO/TRBKTS, Black - Right	1	1
5	H	1140292-NLA	NLA - Caster Headtube Assembly, TRRO/TRBKTS, Black - Left	1	1
6	E,G	1123904-NLA	NLA - Kit, Fork and Stem, Black (Pair)	2	1
6	F,G	1106355	Fork and Stem Assembly	1	1
6	I	1139906-NLA	NLA - Fork and Stem, TRRO/TRBKTS	1	1
7		1105024	Cap, Front Head Tube, Black - Right	1	1
7		1105025	Cap, Front Head Tube, Black - Left	1	1
8		1109222	Screw, Socket Button Head Cap (3/8-24 x 3/4")	1	4
9		1106511	Bushing (3/8 x 1/2 x 2-1/8")	1	2
10		1025734	Locknut (7/16-20)	1	1
11		1025724	Washer, Steel (15/32 x 5/8 x 3/64")	1	2
12	C	1072014-NLA	NLA - Wheel Assembly, Semi-Pneumatic, Urethane (6" x 2")	1	1
12	D	1115179	Wheel Assembly, Semi-Pneumatic, Urethane, Deep Profile, Grey Tire/Black Hub (6" x 2")	1	1
12	D	1122066	Wheel Assembly, Semi-Pneumatic, Urethane, Deep Profile, Grey Tire/Black Hub (6" x 2") (Pair)	2	1
13		1025726	Screw, Hex Head (7/16-20 x 3-1/4")	1	1
14	B	1042489	Hardware, Caster Axle	1	2
15	A,G	1109016-NLA	NLA - Head Tube, Caster with Hardware - Right	1	1
15	A,G	1109017	Head Tube, Caster with Hardware - Left	1	1
15	A,H	1140295-NLA	NLA - Kit, Caster Headtube with Hardware - Right (TRRO/TRBKTS)	1	1
5			NLA - Caster Headtube Assembly, TRRO/TRBKTS, Black - Right	1	1
7			Cap, Front Head Tube, Black - Right	1	1
8			Screw, Socket Button Head Cap (3/8-24 x 3/4")	1	4
9			Bushing (3/8 x 1/2 x 2-1/8")	1	2
15	A,H	1140296	NLA - Kit, Caster Headtube with Hardware - Left (TRRO/TRBKTS)	1	1
5			NLA - Caster Headtube Assembly, TRRO/TRBKTS, Black - Left	1	1
7			Cap, Front Head Tube, Black - Left	1	1
8			Screw, Socket Button Head Cap (3/8-24 x 3/4")	1	4
9			Bushing (3/8 x 1/2 x 2-1/8")	1	2

Casters, Forks, and Hardware

NOTE: A - Includes items 5, 7-9
B - Includes items 10, 11, and 13 to accommodate 1 side.
C - Chairs made before 7/14/03. Due to product improvement, it is recommended to order (pair) number 1122066 dated after 7/13/03 so each side matches. The deep profile caster has 2 tread grooves w/ round corners instead of 4 tread grooves w/ square corners.
D - For chairs made after 7/13/03. The pair number is also used for converting casters on chairs made before 7/14/03.
E - Chairs built Before 12/1/03. Due to design change, forks need to be replace in pairs.
F - Chairs built After 11/30/03
G - Non TRRO chairs
H - Chairs with TRRO/TRBKTS option. These headtubes will have a dimple stamped on the outside for identification purposes.
I - Chairs with TRRO/TRBKTS option. These forks will have a dimple stamped on each side for identification purposes.

Motor, Gearbox and Drive Wheel

Before 6/27/03

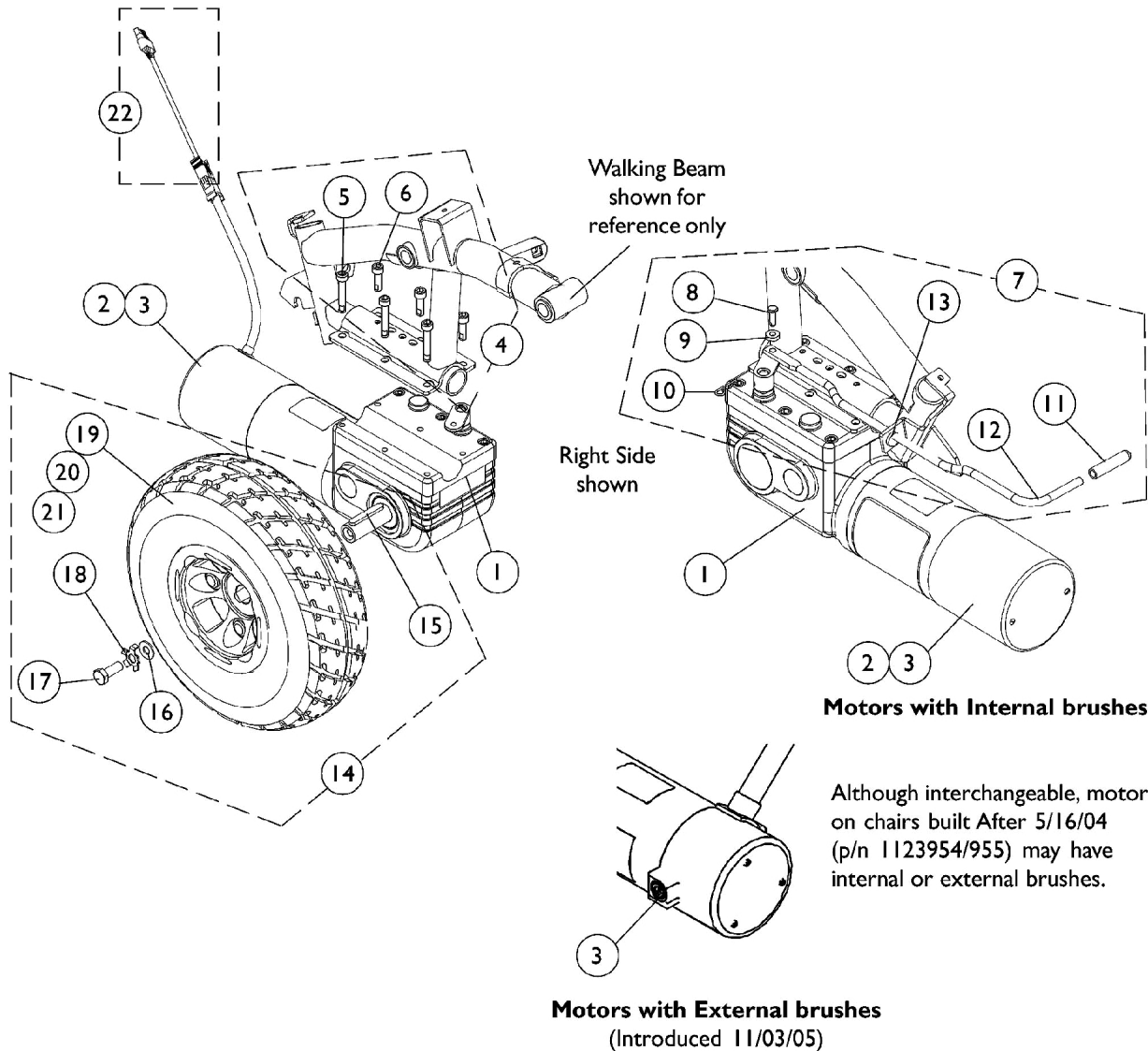


Motor, Gearbox and Drive Wheel

Before 6/27/03

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1106490	Motor/Gearbox Assembly - Right	1	1
1		1106491	Motor/Gearbox Assembly - Left	1	1
2		1038361-NLA	NLA - Kit, Motor/Brake Covers with Screws	2	1
3		1123528-NLA	NLA - Kit, Motor Brush - Internal (Large)	2	1
6	B	1141284	Kit, Motor Mounting Hardware	1	1
4			NLA - Screw, Socket Head (M6 x 1 x 30mm)	1	3
5			Screw, Socket w/ Patch (M6 x 1 x 20mm)	1	3
7	A	1112249-NLA	NLA - Pin, Clevis, Black (1/4 x 37/64")	1	1
8		1026034-NLA	NLA - Washer, Nylon (3/16 x 7/16 x 1/8")	1	1
9		1115715-NLA	NLA - Pin, Bridge	1	1
10	A	1112251-NLA	NLA - Lever, Motor Release	1	1
11		1040060	Tip, Plastic, Black	1	1
12	C	1121978-NLA	NLA - Kit, Motor Lever and Mounting Hardware	1	1
13		1071562-NLA	NLA - Bushing, Snap	1	1
21	D,E	1102338	Kit, Drive Wheel with Mounting Hardware - Pneumatic (10" x 3")	1	1
14			Key (6mm x 6mm x 40mm)	1	1
15			Washer, Flat (21/64 x 53/64 x 7/64")	1	1
16			Screw (M8 x 1.25 x 20mm)	1	1
17			Kit, Locking Tab Washer w/ Instruction Sheet (Pair)	2	1
20			NLA - Wheel Assembly, Drive w/ Bearings, Pneumatic (10" x 3")	1	1
18		1109005	Tire, Pneumatic, Grey (10" x 3")	1	1
19		1109028-NLA	NLA - Tube, Inner (10 x 3")	1	1
21	D,F	1102339	Kit, Drive Wheel with Mounting Hardware - Flat Free (10 x 3")	1	1
14			Key (6mm x 6mm x 40mm)	1	1
15			Washer, Flat (21/64 x 53/64 x 7/64")	1	1
16			Screw (M8 x 1.25 x 20mm)	1	1
17			Kit, Locking Tab Washer w/ Instruction Sheet (Pair)	1	1
20			Drive Wheel Assembly, Flat Free Foam, Grey	1	1
18		1102342	Tire/Black Rim (10" x 3")	1	1
			Tire w/ Foam Fill Insert, Grey (10" x 3")	1	1
NOTE: A - Motor lever attaching point changed from a yoke design to a flat surface. Item 12 must be ordered for chairs made before 5/15/02. B - Includes items 4 and 5 C - Includes items 7-11 D - Includes items 14-17 and 20. E - Part #1105042 Drive Wheel Assembly will already include the Pneumatic Tire and Inner Tube. Part #1105042 is sold in kit assembly part #1102338 only. F - Part #1105043 Drive Wheel Assembly will already include the Tire w/ Foam Fill Insert.					

Motor, Gearbox, and Drive Wheel (After 6/26/03)



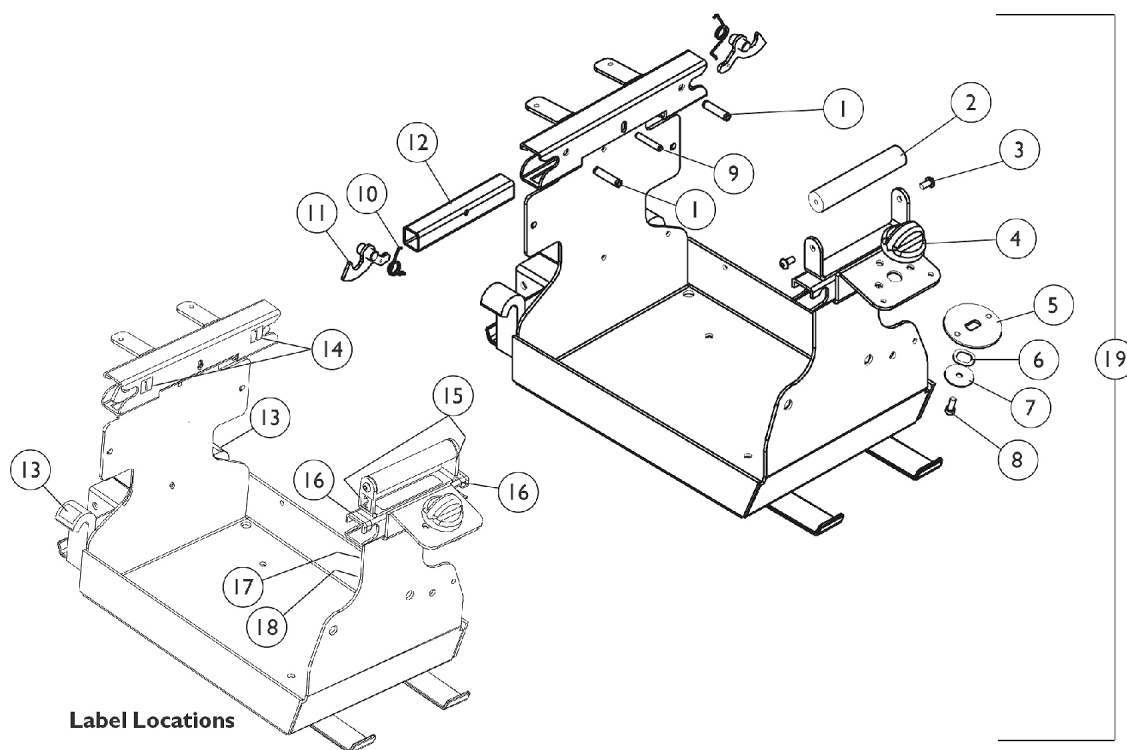
Motor, Gearbox, and Drive Wheel (After 6/26/03)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1116395	Motor with Gearbox and Cable Extension - Right	1	1
1	A	1116396	Motor with Gearbox and Cable Extension - Left	1	1
1	E	1123954-NLA	NLA - Motor, High Speed w/ Gearbox and Cable Extension - Right	1	1
1	E	1123954E-NLA	NLA - WARR RPLMT - Motor, High Speed w/ Gearbox and Cable Extension - Right	1	1
1	E	1123955-NLA	NLA - Motor, High Speed w/ Gearbox and Cable Extension - Left	1	1
1	E	1123955E-NLA	NLA - WARR RPLMT - Motor, High Speed w/ Gearbox and Cable Extension - Left	1	1
2	F	1038361-NLA	NLA - Kit, Motor/Brake Covers with Screws	2	1
3	G	1123528-NLA	NLA - Kit, Motor Brush - Internal (Large)	2	1
3	H	1137265-NLA	NLA - Kit, Motor Brush w/ Cap - External (Pair)	2	1
	I	1122164	Instruction Sheet, Motor Brush Kit	1	1
4	B	1141284	Kit, Motor Mounting Hardware	1	1
5			NLA - Screw, Socket Head (M6 x 1 x 30mm)	1	3
6			Screw, Socket w/ Patch (M6 x 1 x 20mm)	1	3
7	C	1121978-NLA	NLA - Kit, Motor Lever and Mounting Hardware	1	1
8		1112249-NLA	NLA - Pin, Clevis, Black (1/4 x 37/64")	1	1
9		1026034-NLA	NLA - Washer, Nylon (3/16 x 7/16 x 1/8")	1	1
10		1115715-NLA	NLA - Pin, Bridge	1	1
11		1040060	Tip, Plastic, Black	1	1
12		1112251-NLA	NLA - Lever, Motor Release	1	1
13		1071562-NLA	NLA - Bushing, Snap	1	1
14	D,K	1102338	Kit, Drive Wheel with Mounting Hardware - Pneumatic (10 x 3")	1	1
15			Key (6mm x 6mm x 40mm)	1	1
16			Washer, Flat (21/64 x 53/64 x 7/64")	1	1
17			Screw (M8 x 1.25 x 20mm)	1	1
18			Kit, Locking Tab Washer w/ Instruction Sheet (Pair)	2	1
21			NLA - Wheel Assembly, Drive w/ Bearings, Pneumatic (10" x 3")	1	1
19		1109005	Tire, Pneumatic, Grey (10" x 3")	1	1
20		1109028-NLA	NLA - Tube, Inner (10 x 3")	1	1
14	D,L	1102339	Kit, Drive Wheel with Mounting Hardware - Flat Free (10 x 3")	1	1
15			Key (6mm x 6mm x 40mm)	1	1
16			Washer, Flat (21/64 x 53/64 x 7/64")	1	1
17			Screw (M8 x 1.25 x 20mm)	1	1
18			Kit, Locking Tab Washer w/ Instruction Sheet (Pair)	1	1
21			Drive Wheel Assembly, Flat Free Foam, Grey Tire/Black Rim (10" x 3")	1	1
19		1102342	Tire w/ Foam Fill Insert, Grey (10" x 3")	1	1
22	J	1143143-NLA	NLA - Harness, Motor Cable Extension	1	1

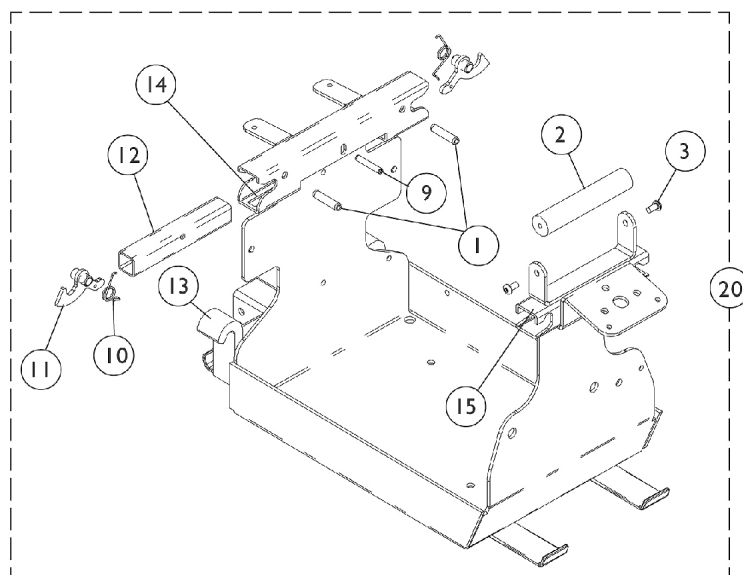
Motor, Gearbox, and Drive Wheel (After 6/26/03)

NOTE: A - Chairs built 6/27/03 thru 5/16/04. Includes item 22.
B - Includes items 5 and 6.
C - Includes items 8-13.
D - Includes items 15-18, & 21.
E - Chairs built After 5/16/04. Although motors are interchangeable, they may have internal or external brushes. Includes item 22.
F - Brake Cover is only serviceable on motors with internal brushes.
G - For motors with internal brushes. Includes 2 ea. brushes and 1 ea. instruction sheet.
H - For motors with external brushes. Includes 2 ea. brushes, 2 ea. brush caps, and 1 ea. instruction sheet.
I - Not Shown
J - As of 5/15/06, harness part no. 1143143 replaced part nos. 1116389 & 1116390. The new harness is not Right/Left dependent and can be used for either side.
K - Part #1105042 Drive Wheel Assembly will already include the Pneumatic Tire and Inner Tube. Part#1105042 is sold in kit assembly party #1102338 only.
L - Part #1105043 Drive Wheel Assembly will already include the Tire w/ Foam Fill Insert.

Battery Tray Assembly



Before 7/14/03



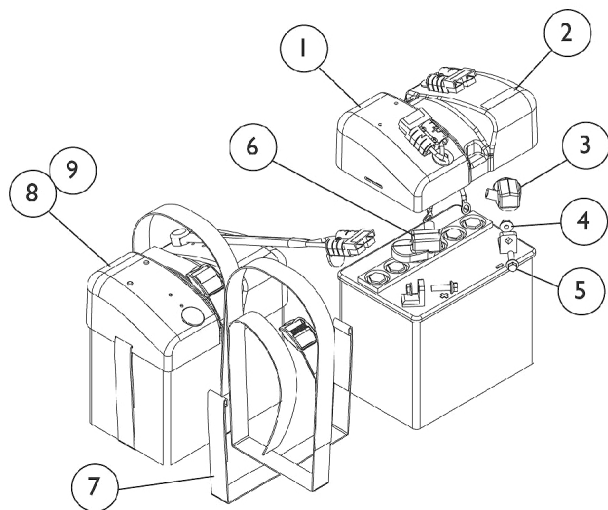
After 7/13/03

Battery Tray Assembly

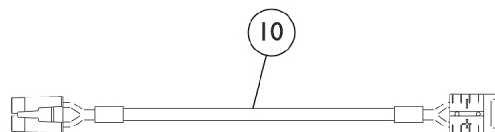
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1108239-NLA	NLA - Pin, Slotted (1/4 x 1-1/8")	1	2
2		1108462-NLA	NLA - Handle, Battery Tray with Black Nylon Rod	1	1
3		1025354-NLA	NLA - Screw, Socket Button Head (#10-32 x 3/8")	1	2
4		1109033-NLA	NLA - Knob, Shroud, Black	1	1
5		1109034-NLA	NLA - Plate, Latch Shroud	1	1
6		1108475-NLA	NLA - Washer, Wave (17/32 x 3/4 x 1/64")	1	1
7		1109031-NLA	NLA - Washer, Steel (13/64 x 1 x 3/64")	1	1
8		1056087-NLA	NLA - Screw, Socket Head (#10-32 x 1/2")	1	1
9		1109221-NLA	NLA - Pin, Roll (3/16 x 1-1/8")	1	1
10		1106482-NLA	NLA - Spring, Latch Release	1	2
11		1106353-NLA	NLA - Latch, Black	1	2
12		1108063 -NLA	NLA - Handle, Release, Black	1	1
13		1109201-NLA	NLA - Label Marker (3)	1	2
14		1109199-NLA	NLA - Label Marker (1)	1	2
15		1109200-NLA	NLA - Label Marker (2)	1	2
16		1109198-NLA	NLA - Label, Yellow Stripe	1	2
17		1119281-NLA	NLA - Plate, Name, Patent Numbers	1	1
18		1035900	Decal, Transportation	1	1
19	A	1109209-NLA	NLA - Battery Tray Assembly with Labels	1	1
20	B	1121085-NLA	NLA - Battery Tray Assembly with Labels	1	1
NOTE: A - Before 7/14/03. Includes items 1-18 B - After 7/13/03. Includes items 1-3,9-15					

Battery Covers and Harness - MKIV Electronics

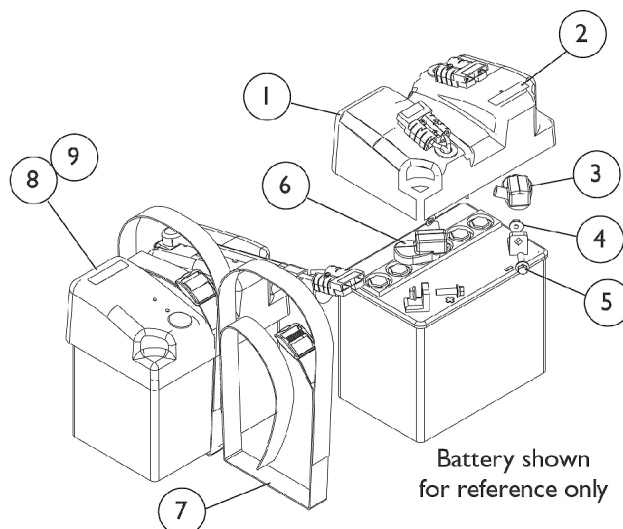
Before 10/8/03



Battery Covers Before 8/12/02



**Battery Cable Harness
Used After 6/26/03**



Battery Covers After 8/11/02

Battery Covers and Harness - MKIV Electronics

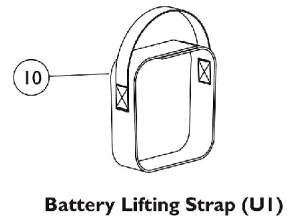
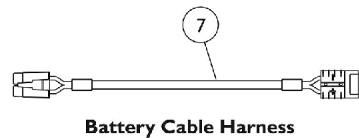
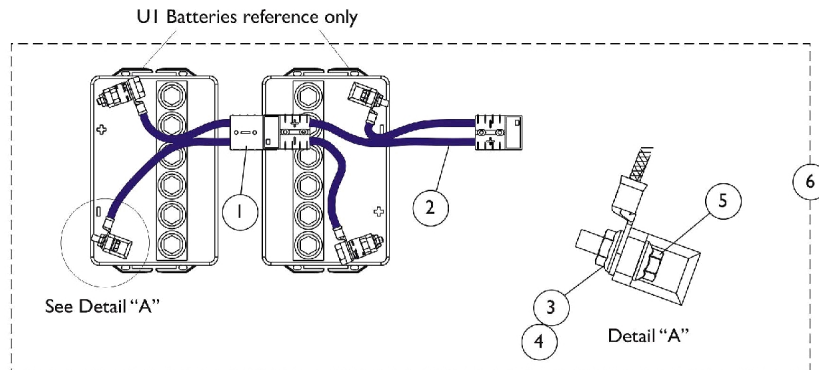
Before 10/8/03

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1108240-NLA	NLA - Cover, Battery with Connectors, Dual Fixed - Front	1	1
2		1107651-NLA	NLA - Decal, Front Battery Cover	1	1
2		1107652-NLA	NLA - Decal, Rear Battery Cover	1	1
3		1096938-NLA	NLA - Cap, Battery Terminal, Gray	1	2
4		16721X000	Locknut (1/4-20)	1	4
5		1102337-NLA	NLA - Screw, Hex Flange Whiz Lock(1/4-20 x 5/8")	1	4
6		1096939-NLA	NLA - Cap, Battery Terminal, Orange	1	2
	B	1060318-NLA	NLA - Hardware, Battery Terminal, UI Batteries (Pair)	1	1
	B,E	1097278-NLA	NLA - Instruction Sheet, Battery Terminal	1	1
7	C	1108476-NLA	NLA - Strap, Battery	1	2
7	D	1113426-NLA	NLA - Strap, Battery	1	2
8	A	1108241-NLA	NLA - Cover, Battery with Connector - Rear (Single Extended)	1	1
9		1089385	Fuse, MIDI (Non-G/B & G/B) (80 AMP)	1	1
10		1116381	Cable, Battery Extension, Black Connector	1	1
NOTE: A - When a new battery cover is ordered for chairs manufactured before 8/12/02 a new battery strap part number 1113426 must be ordered. Battery covers do not have to be ordered in pairs. B - Not Shown C - Before 8/12/02 D - After 8/11/02 E - Item is no longer available from 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.					

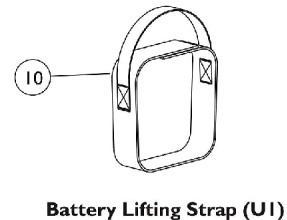
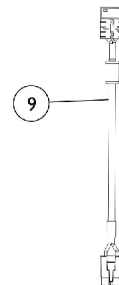
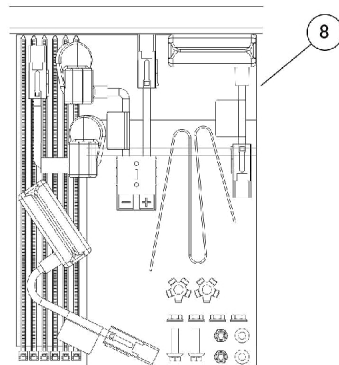
Battery Harnesses - MK5 Electronics

Chairs built After 10/7/03

Battery Covers are no longer used on chairs After 10/7/03



chairs with MK5 NX Controller



chairs with MK5 NX-80 or MK5 EX Controller

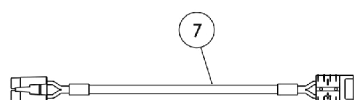
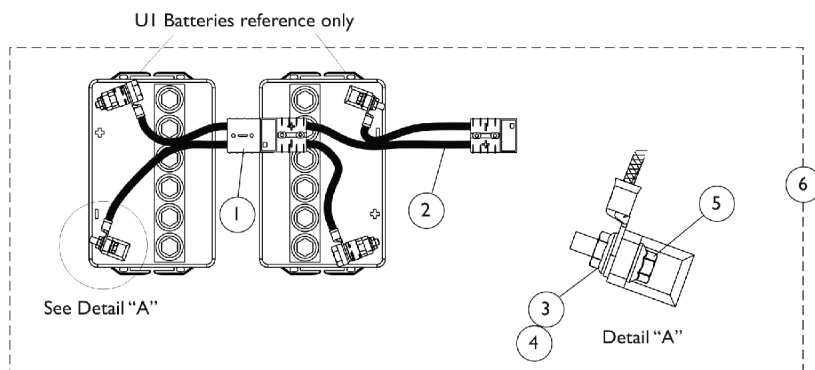
Battery Harnesses - MK5 Electronics

Chairs built After 10/7/03

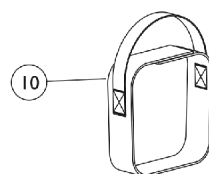
Battery Covers are no longer used on chairs After 10/7/03

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1119579-NLA	NLA - Harness, Battery Rear w/ 75 AMP Fuse	1	1
2		1119580-NLA	NLA - Harness, Battery Front w/ 75 AMP Fuse	1	1
3		16721X000	Locknut (1/4-20)	1	4
4		1062246	Washer, Locking Tab	1	2
5		1102337-NLA	NLA - Screw, Hex Flange Whiz Lock(1/4-20 x 5/8")	1	4
	A	98007X005	Tie Wrap (11-1/2" L)	1	6
	A	1118378-NLA	NLA - Instruction Sheet, Battery Harness	1	1
6	B,E	1119585-NLA	NLA - Harness, Battery, 75 Amp. w/ Terminal Hdwr, MK5 & MK6i, Black Connector	1	1
7	B	1116381	Cable, Battery Extension, Black Connector	1	1
8	C,D	1122814-NLA	NLA - Harness, Battery, 100 Amp w/ Terminal Hardware - MK5 (Red Connector)	1	1
9	C	1122199	Cable, Battery Extension, Red Connector	1	1
10	F	1127455-NLA	NLA - Strap, Battery Lifting (U1 Batteries)	1	1
NOTE: A - Not Shown B - Used with MK5 NX Electronics. C - Used with MK5 NX-80 & MK5 EX Electronics. D - Includes All battery harnesses, battery install instruction sheet, 1 ea. battery lift strap, 2 ea. washer locking tabs, 2 ea. 1/4-20 flange locknuts, 2 ea. 1/4-20 x 7/8" hex flange lock screws, 2 ea. 1/4-20 locknuts, and 6 ea. cable ties. E - Includes items 1-5 and Cables Ties, Instruction Sheet. F - Battery Lifting Strap is standard when chair is ordered without "batteries onboard" option					

Battery Harnesses - MK6i Electronics

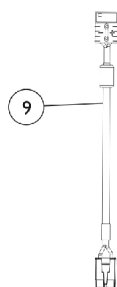
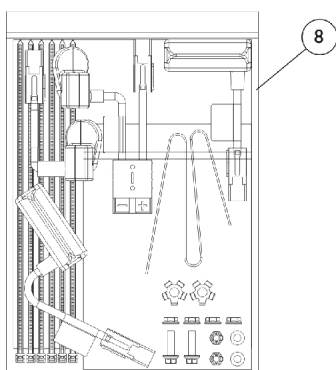


Battery Cable Harness

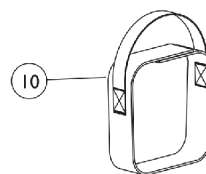


Battery Lifting Strap (UI)

Chairs without PTO Systems



Battery Cable Harness



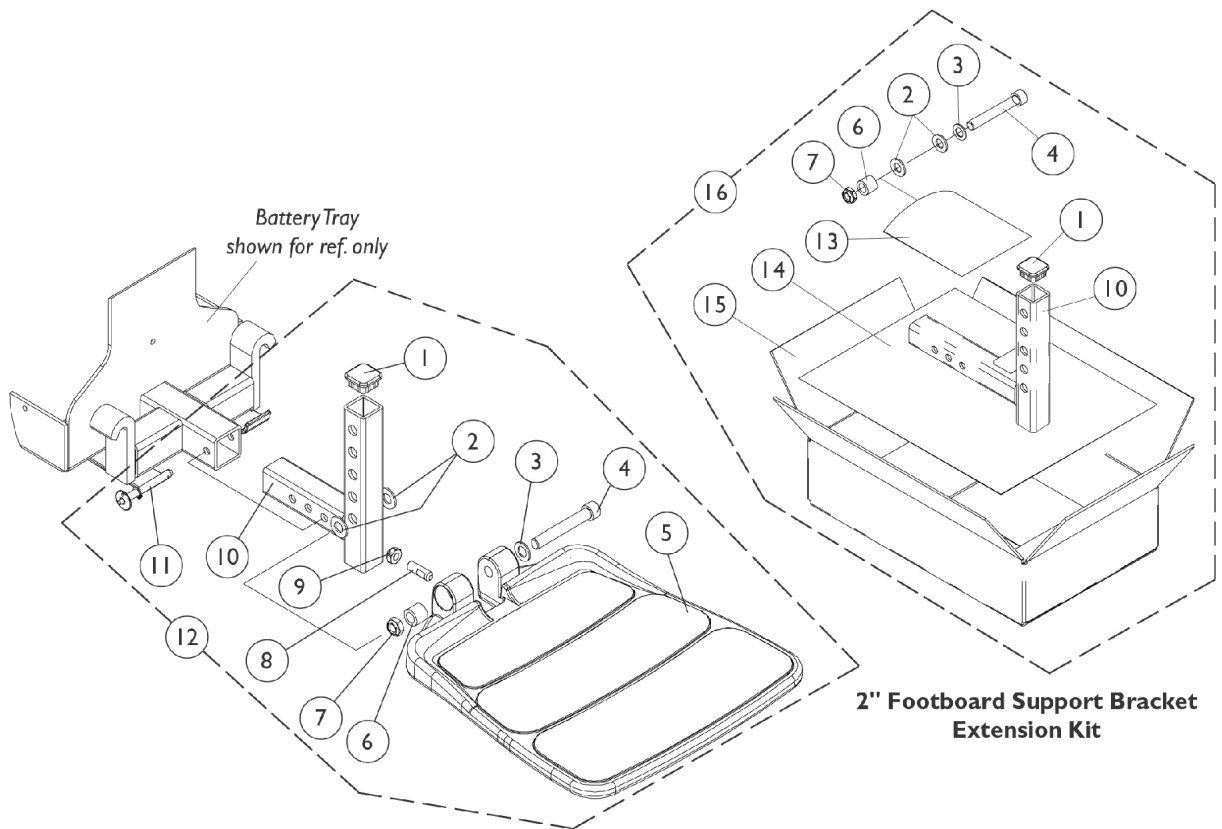
Battery Lifting Strap (UI)

Chairs with PTO Systems

Battery Harnesses - MK6i Electronics

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1119579-NLA	NLA - Harness, Battery Rear w/ 75 AMP Fuse	1	1
2		1119580-NLA	NLA - Harness, Battery Front w/ 75 AMP Fuse	1	1
3		16721X000	Locknut (1/4-20)	1	4
4		1062246	Washer, Locking Tab	1	2
5		1102337-NLA	NLA - Screw, Hex Flange Whiz Lock(1/4-20 x 5/8")	1	4
	A	98007X005	Tie Wrap (11-1/2" L)	1	6
	A	1118378-NLA	NLA - Instruction Sheet, Battery Harness	1	1
6	E	1119585-NLA	NLA - Harness, Battery, 75 Amp. w/ Terminal Hdwr, MK5 & MK6i, Black Connector	1	1
7		1116381	Cable, Battery Extension, Black Connector	1	1
8	C,D	1122814-NLA	NLA - Harness, Battery, 100 Amp w/ Terminal Hardware - MK5 (Red Connector)	1	1
9	C	1122199	Cable, Battery Extension, Red Connector	1	1
10	B	1127455-NLA	NLA - Strap, Battery Lifting (U1 Batteries)	1	1
NOTE: A - Not Shown B - Battery Lifting Strap is standard when chair is ordered without "batteries onboard" option C - Used with PTO Plus Seating Systems. D - Includes All battery harnesses, battery install instruction sheet, 1 ea. battery lift strap, 2 ea. washer locking tabs, 2 ea. 1/4-20 flange locknuts, 2 ea. 1/4-20 x 7/8" hex flange lock screws, 2 ea. 1/4-20 locknuts, and 6 ea. cable ties. E - Includes items 1-5 and Cables Ties, Instruction Sheet.					

90FB Footboard Assembly



90FB Footboard Assembly

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
12	A,B,D, E	1105027-NLA	NLA - Footboard Assembly	1	1
1			Plug Button, Black (1" Square)	1	1
2			Washer, Nylon (3/8 x 3/4 x 1/16")	1	2
3			Washer, Flat (3/8 x 11/16 x 1/16")	1	1
4			Screw, Socket Head (3/8-16 x 2-1/2")	1	1
5			NLA - Footboard with Cover	1	1
6			Bushing (3/8 x 5/8 x 1/2")	1	1
7			Locknut, Low Profile (3/8-16)	1	1
8			Screw, Set Socket Flat Point (5/16-18 x 1")	1	1
9			Locknut (5/16-18)	1	1
10			Bracket, Footboard Support, Black	1	1
11	Pin, Quick Release	1	1		
13	D	1300010-NLA	NLA - Bag, Zip-Lip (4" L x 4" W)	1	1
14		1114833-NLA	NLA - Instruction Sheet, 2" Footboard Extension	1	1
15		40131X044	Carton, Shipper	1	1
16	C,D	1115378	Kit, 2" Footboard Extension	1	1
1			Plug Button, Black (1" Square)	1	1
2			Washer, Nylon (3/8 x 3/4 x 1/16")	1	2
3			Washer, Flat (3/8 x 11/16 x 1/16")	1	1
4			Screw, Socket Head (3/8-16 x 2-1/2")	1	1
6			Bushing (3/8 x 5/8 x 1/2")	1	1
7			Locknut, Low Profile (3/8-16)	1	1
10			Bracket, Footboard Support, Black (2" Extension)	1	1
13			NLA - Bag, Zip-Lip (4" L x 4" W)	1	1
14			NLA - Instruction Sheet, 2" Footboard Extension	1	1
15			Carton, Shipper	1	1
NOTE: A - Includes items 1-11 B - When ordering a footboard assembly for the first time that requires a 2" extension kit, items 5, 8, 9, 11 and 16 must be ordered C - Includes items 1-4, 6, 7, 10 and 13-15 D - Part number 1114833 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. E - Part #1105027 is No Longer Available and a replacement is currently not available					

Front Rigging Reference Chart

Support Assemblies

Front Rigging	Color Right	Color Left	Chrome Right	Chrome Left
PW93	8881070776 See Note(s) A	8881070777 See Note(s) A	N/A	N/A
PHW93 Before 1/6/03	1114790-NLA	1114791	N/A	N/A
PHW93 After 1/5/03	1114755	1114756	N/A	N/A
PW93ST	8881070784-NLA See Note(s) A	8881070785-NLA See Note(s) A	N/A	N/A
PW93E	8881070768-NLA See Note(s) A	8881070769-NLA See Note(s) A	N/A	N/A
P93M	8881037836-NLA See Note(s) A	8881037837-NLA See Note(s) A	N/A	N/A
PAL4A	N/A	N/A	1058482-NLA	1058483-NLA
PHAL4A Before 1/6/03	N/A	N/A	1114995-NLA	1114996-NLA See Note(s) B
PHAL4A After 1/5/03	N/A	N/A	1114761	1114762
P904A	8881058646-NLA	8881058647-NLA	N/A	N/A
PH904A Before 1/6/03	8881113043 See Note(s) A	8881113044 See Note(s) A	N/A	N/A
PH904A After 1/5/03	8881114757 See Note(s) A	8881114758 See Note(s) A	N/A	N/A
NOTE: A - Specify 34P Flat Black Frame Finish When Ordering. B - No longer available as a service part. There is no replacement.				

Front Rigging Reference Chart

PW93/PHW93/PW93E

Pivot Slide Tubes with Footplates

Chair Width	Aluminum (1650)	Deluxe Aluminum (1450)	Extra Large Aluminum (1350)	Adjustable Angle (AT5543)	Composite (1651)
16" Wide Right	1074149	1074151-NLA	1026395	1062756	1057869
16" Wide Left	1074150	1074152-NLA	1026396	1062757	1057870
17-20" Wide Right	1074149	1074151-NLA	1026395	1062756	1057879
17-20" Wide Left	1074150	1074152-NLA	1026396	1062757	1057880

NOTE: Pivot/ Slide Tube Mounting Hardware is Not Included.

PW93ST

Pivot Slide Tubes with Footplates

Chair Width	Adjustable Angle (AT5543)	Composite (1651)
16-17" Wide Right	1060444	1057859
16-17" Wide Left	1060445	1057860
18-19" Wide Right	1062756	1057869
18-19" Wide Left	1062757	1057870
20" Wide Right	1062756	1057879
20" Wide Left	1062757	1057880

NOTE: Pivot/ Slide Tube Mounting Hardware is Not Included.

Front Rigging Reference Chart

P93M

Pivot Slide Tubes with Footplates

Chair Width	Deluxe Aluminum (1450)	Extra Large Aluminum (1350)
16-20" Wide Left	1028892-NLA See Note(s) A	1031924-NLA
16-20" Wide Left	1028893-NLA See Note(s) A	1031925-NLA
Complete 93BK Footrest Assembly w/ 1450 Deluxe Aluminum Footplate and Heel Loop attached. (sold complete) - Right	02303X107-NLA See Note(s) B	N/A
Complete 93BK Footrest Assembly w/ 1450 Deluxe Aluminum Footplate and Heel Loop attached. (sold complete) - Left	02303X108-NLA See Note(s) B	N/A
NOTE: A - No longer available as a service part individually. Order as a replacement part number 02303X107 Right and 02303X108 Left Footrest Assembly complete. B - Not Shown. Includes a Footrest Support Assembly, Pivot/Slide Tube w/ Deluxe Aluminum Footplate (1450) and Heel Loop attached. Items are sold complete. Covers 16-20" wide models.		
NOTE: Pivot/ Slide Tube Mounting Hardware is Not Included.		

PAL4A/PHAL4A

Pivot Slide Tubes with Footplates

Chair Width	Aluminum (1650)	Deluxe Aluminum (1450)	Extra Large Aluminum (1350)
16-20" Wide Right	1023907	1023924-NLA	1035456
16-20" Wide Left	1023908	1023925-NLA	1035457
NOTE: Pivot/ Slide Tube Mounting Hardware is Not Included.			

P904A/PH904A

Pivot Slide Tubes with Footplates

Chair Width	Aluminum (1650)	Deluxe Aluminum (1450)	Extra Large Aluminum (1350)
16-20" Wide Right	1058604	1028723-NLA	1058830
16-20" Wide Left	1058605	1028724-NLA	1058831
NOTE: Pivot/ Slide Tube Mounting Hardware is Not Included.			

Front Rigging Reference Chart

PW93/PHW93/PW93E

2" and 4" Longer

Pivot Slide Tubes with Footplates

Footplate Type	16-20" Wide Right	16-20" Wide Left
Aluminum (1650) 2" Longer	1086494-NLA	1086497-NLA
Aluminum (1650) 4" Longer	1086495-NLA	1086498-NLA
Extra Large Aluminum (1350) 2" Longer	1086515	1086517
Extra Large Aluminum (1350) 4" Longer	1086516	1086518
Adjustable Angle (AT5543) 2" Longer	1062760	1062761

NOTE: Pivot/ Slide Tube Mounting Hardware is not Included.

PW93ST

2" and 4" Longer

Pivot Slide Tubes with Footplates

Chair Width	Composite (1651) 2" Longer	Adjustable Angle (AT5543) 2" Longer
16-17" Wide Right	1057861	1062758
16-17" Wide Left	1057862-NLA	1062759
18-19" Wide Right	1057871	1062760
18-19" Wide Left	1057872	1062761
20" Wide Right	1057881	1062760
20" Wide Left	1057882	1062761

NOTE: Pivot/ Slide Tube Mounting Hardware is Not Included.

Front Rigging Reference Chart

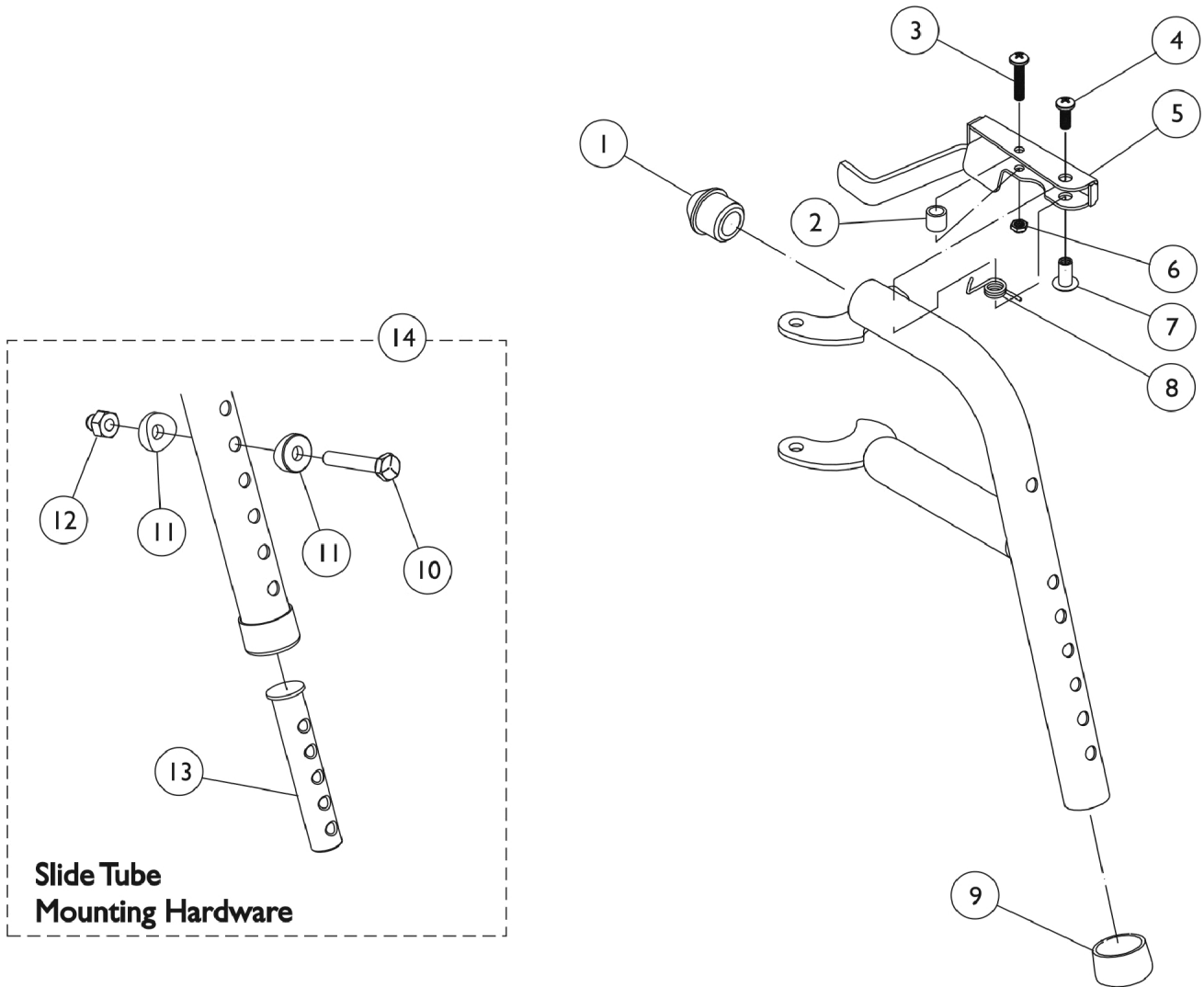
P904A/PH904A
2" and 4" Longer

Pivot Slide Tubes with Footplates

Footplate Type	16-20" Wide Right	16-20" Wide Left
Aluminum (1650) 2" Longer	1086529-NLA	1086531-NLA
Aluminum (1650) 4" Longer	1086530-NLA	1086532-NLA
Extra Large Aluminum (1350) 2" Longer	1086541-NLA	1086551-NLA
Extra Large Aluminum (1350) 4" Longer	1086542-NLA	1086552-NLA
NOTE: Pivot/ Slide Tube Mounting Hardware is Not Included.		

PW93 Footrest Supports

Before 9/1/02
Color



PW93 Footrest Supports

Before 9/1/02

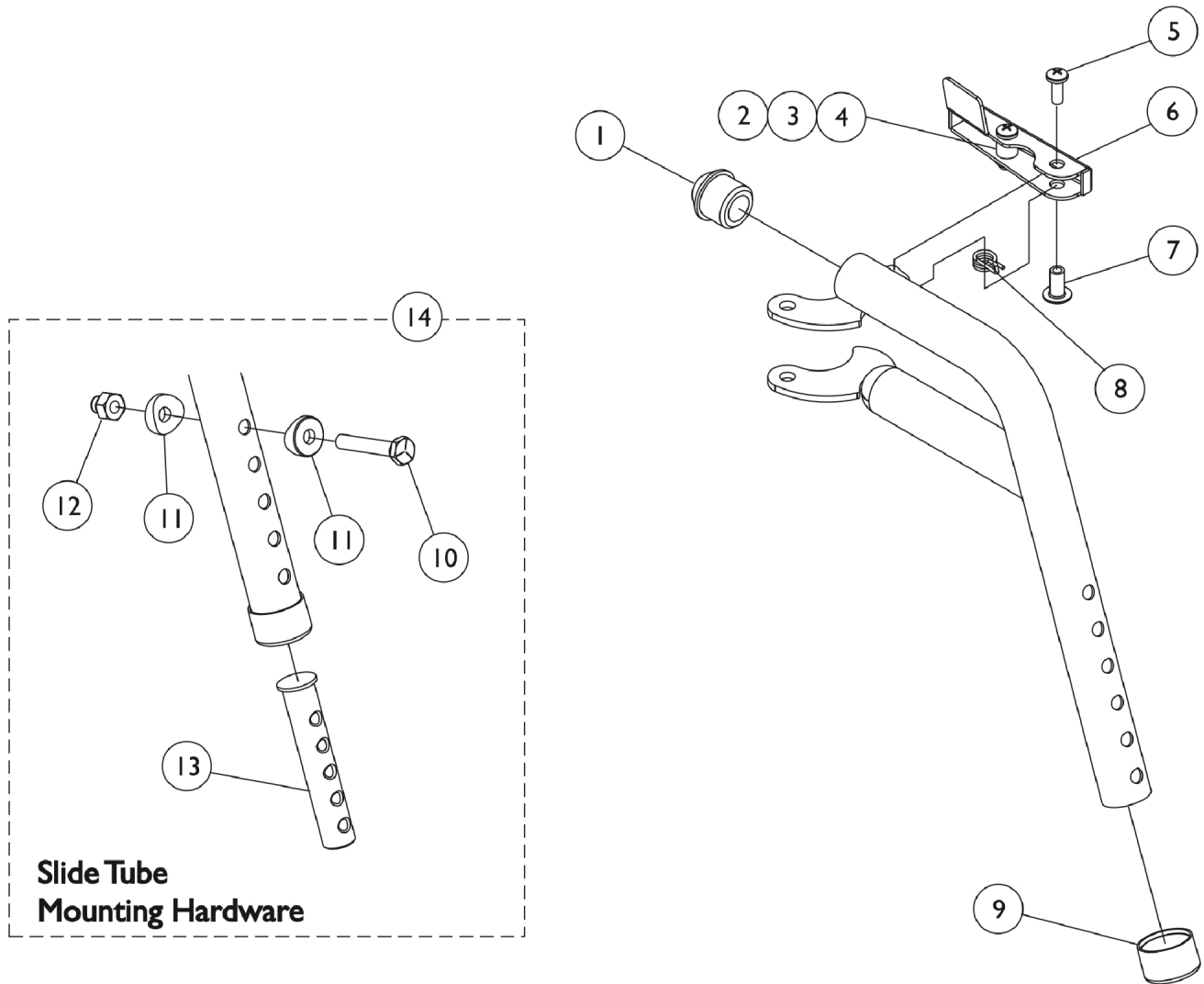
Color

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1020719	Anti-Rattle, Black	1	1
2		47565X057	Bushing (7/32 x 3/8 x 11/32")	1	1
3		1025716	Screw, Phillips Pan Head (#10-32 x 11/16")	1	1
4		1026114	Screw, Phillips Pan Head (#10-32 x 1/2")	1	1
5		1035539	Handle, Release, Black - Right	1	1
5		1035540	Handle, Release, Black - Left	1	1
6		1025735	Locknut (#10-32)	1	1
7		1028846-NLA	NLA - Rivnut (#10-32)	1	1
8		1028707	Spring, Release - Right	1	1
8		1028708	Spring, Release - Left	1	1
9		15680X012	Collar, Anti-Rattle (7/8")	1	1
10		1070759	Screw, Hex Head (1/4-20 x 1-1/2")	1	1
11		1026099	Spacer, Coved (1/4 x 11/16 x 1/2")	1	2
12		1044214	Nut, Hex with Nylon Cap (1/4-20)	1	1
13	C	1020534	Insert, Threaded	1	1
14		1074143	Kit, Slide Tube Mounting Hardware	1	1
	A,B	8881070776	Footrest Support Assembly, Adult, Color - Right	1	1
	A,B	8881070777	Footrest Support Assembly, Adult, Color - Left	1	1
NOTE: A - Specify 34P flat black frame finish when ordering. B - Not Shown C - As of 8/15/03, the Threaded Insert was revised from 3 to 5 Holes. Threaded Insert is Backward Compatible and does not require ordering in Pairs.					

PHW93 (Hemi) Footrest Supports

9/1/02-1/5/03

Black



PHW93 (Hemi) Footrest Supports

9/1/02-1/5/03

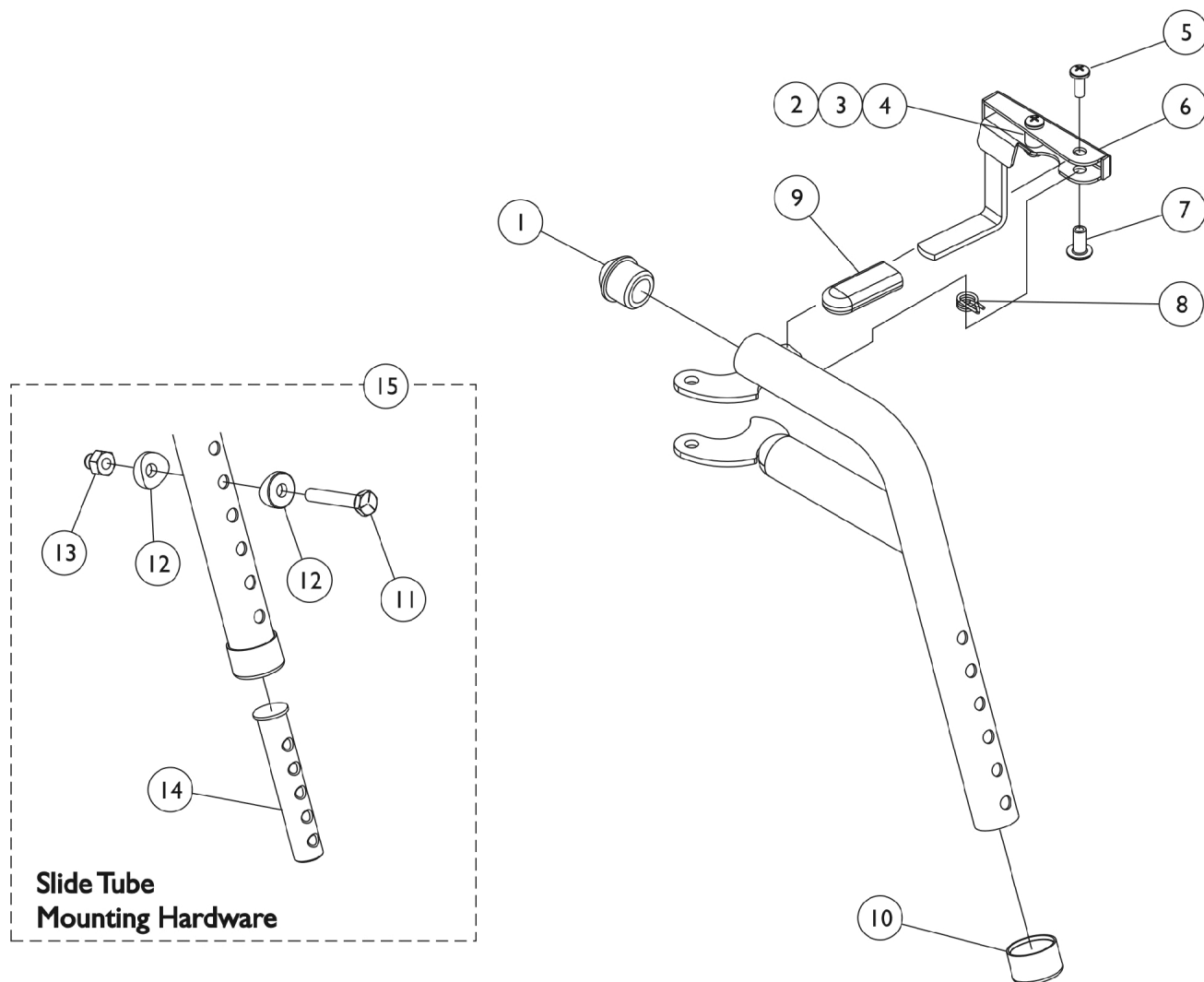
Black

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1020719	Anti-Rattle, Black	1	1
2		1025716	Screw, Phillips Pan Head (#10-32 x 11/16")	1	1
3		47565X057	Bushing (7/32 x 3/8 x 11/32")	1	1
4		1025735	Locknut (#10-32)	1	1
5		1026114	Screw, Phillips Pan Head (#10-32 x 1/2")	1	1
6	A	1113033	NLA - Handle, Release w/ Hardware, Black - Right	1	1
6	A	1113034-NLA	NLA - Handle, Release, Black - Left	1	1
7		1028846-NLA	NLA - Rivnut (#10-32)	1	1
8		1028707	Spring, Release - Right	1	1
8		1028708	Spring, Release - Left	1	1
9		15680X012	Collar, Anti-Rattle (7/8")	1	1
10		1070759	Screw, Hex Head (1/4-20 x 1-1/2")	1	1
11		1026099	Spacer, Coved (1/4 x 11/16 x 1/2")	1	2
12		1044214	Nut, Hex with Nylon Cap (1/4-20)	1	1
13	C	1020534	Insert, Threaded	1	1
14		1074143	Kit, Slide Tube Mounting Hardware	1	1
	B	1114790-NLA	NLA - Footrest Support Assembly, Hemi, Black - Right	1	1
	B	1114791	Footrest Support Assembly, Hemi, Black - Left	1	1
NOTE: A - Includes items 2-4 B - Not Shown C - As of 8/15/03, the Threaded Insert was revised from 3 to 5 Holes. Threaded Insert is Backward Compatible and does not require ordering in Pairs.					

PHW93 (Hemi) Footrest Supports

After 1/5/03

Black



PHW93 (Hemi) Footrest Supports

After 1/5/03

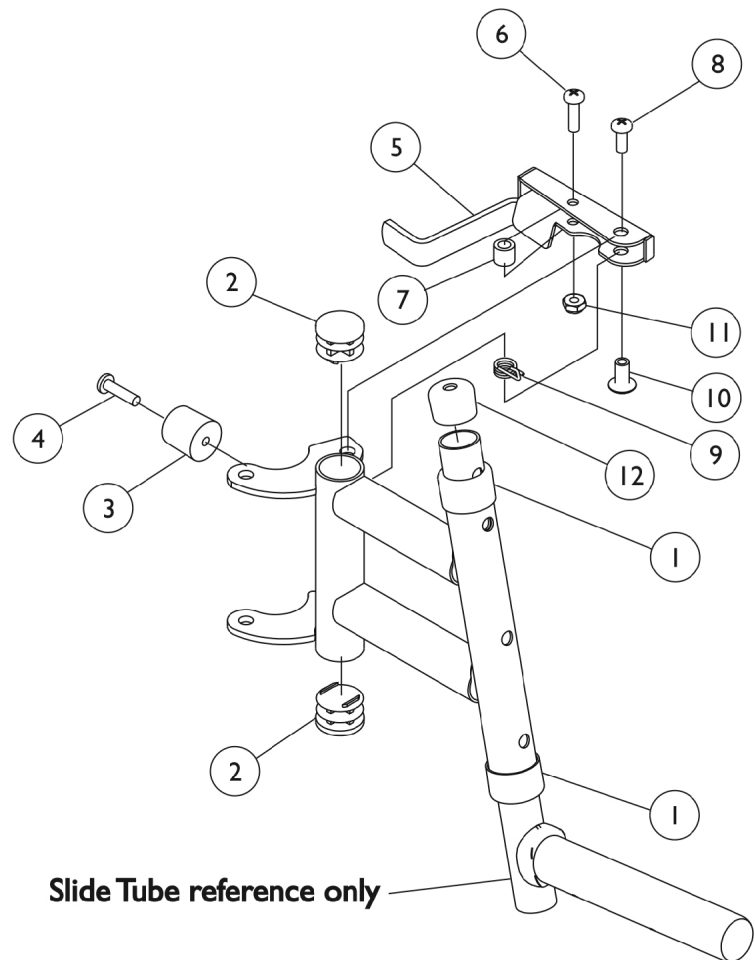
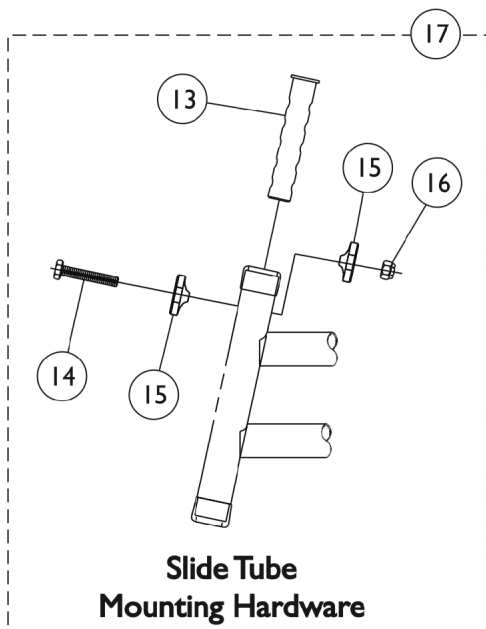
Black

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1020719	Anti-Rattle, Black	1	1
2		1025716	Screw, Phillips Pan Head (#10-32 x 11/16")	1	1
3		47565X057	Bushing (7/32 x 3/8 x 11/32")	1	1
4		1025735	Locknut (#10-32)	1	1
5		1026114	Screw, Phillips Pan Head (#10-32 x 1/2")	1	1
6	A	1114749-NLA	NLA - Handle, Release, Black - Right	1	1
6	A	1114750-NLA	NLA - Handle, Release, Black - Left	1	1
7		1028846-NLA	NLA - Rivnut (#10-32)	1	1
8		1028707	Spring, Release - Right	1	1
8		1028708	Spring, Release - Left	1	1
9		1006490	Tip, Plastic, Black	1	1
10		15680X012	Collar, Anti-Rattle (7/8")	1	1
11		1070759	Screw, Hex Head (1/4-20 x 1-1/2")	1	1
12		1026099	Spacer, Coved (1/4 x 11/16 x 1/2")	1	2
13		1044214	Nut, Hex with Nylon Cap (1/4-20)	1	1
14	C	1020534	Insert, Threaded	1	1
15		1074143	Kit, Slide Tube Mounting Hardware	1	1
	B	1114755	Footrest Support Assembly, Hemi, Black - Right	1	1
	B	1114756	Footrest Support Assembly, Hemi, Black - Left	1	1

NOTE: A - Includes items 2-4
 B - Not Shown
 C - As of 8/15/03, the Threaded Insert was revised from 3 to 5 Holes. Threaded Insert is Backward Compatible and does not require ordering in Pairs.

PW93E Footrest Supports

Before 9/1/02
Color



PW93E Footrest Supports

Before 9/1/02

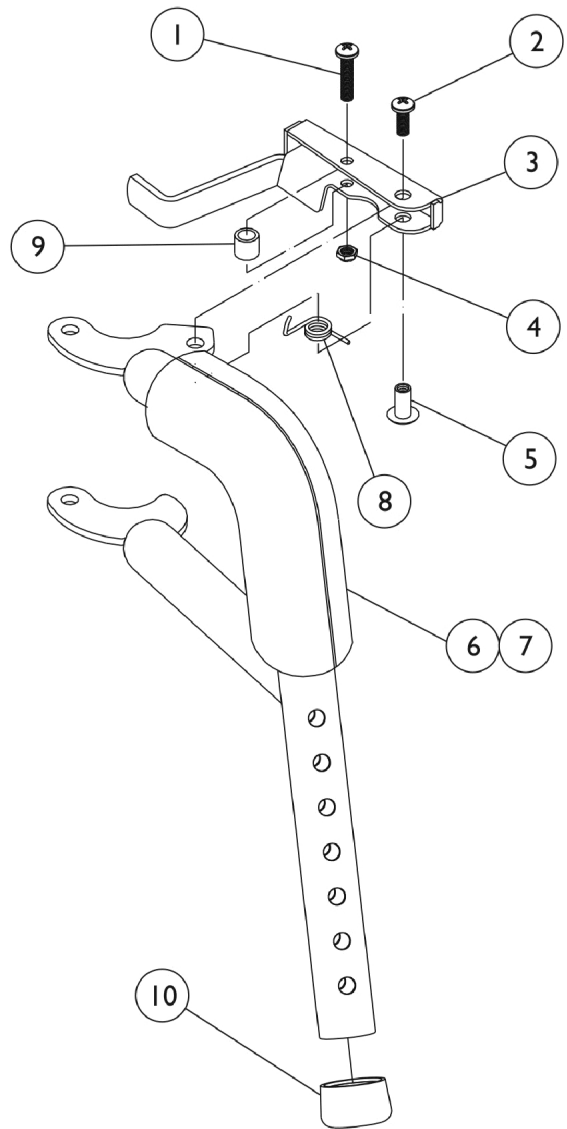
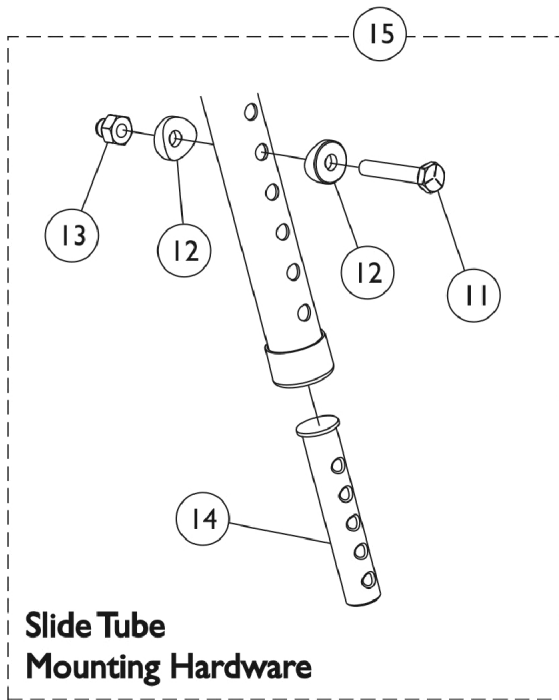
Color

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		15680X012	Collar, Anti-Rattle (7/8")	1	2
2		1027095	Plug Button, Black (7/8")	1	2
3		1022874	Bumper	1	1
4		1030979	Screw, Phillips Pan Head Tap (#10-32 x 3/4")	1	1
5		1035539	Handle, Release, Black - Right	1	1
5		1035540	Handle, Release, Black - Left	1	1
6		1025716	Screw, Phillips Pan Head (#10-32 x 11/16")	1	1
7		47565X057	Bushing (7/32 x 3/8 x 11/32")	1	1
8		1026114	Screw, Phillips Pan Head (#10-32 x 1/2")	1	1
9		1028707	Spring, Release - Right	1	1
9		1028708	Spring, Release - Left	1	1
10		1028846-NLA	NLA - Rivnut (#10-32)	1	1
11		1025735	Locknut (#10-32)	1	1
12		1074108	Cap, End Tube, Black (3/4")	1	1
13	C	1020534	Insert, Threaded	1	1
14		1070759	Screw, Hex Head (1/4-20 x 1-1/2")	1	1
15		1026099	Spacer, Coved (1/4 x 11/16 x 1/2")	1	2
16		1044214	Nut, Hex with Nylon Cap (1/4-20)	1	1
17		1074143	Kit, Slide Tube Mounting Hardware	1	1
	A,B	8881070768-NL A	NLA - Footrest Support Assembly, Adult, Color - Right	1	1
	A,B	8881070769-NL A	NLA - Footrest Support Assembly, Adult, Color - Left	1	1

NOTE: A - Specify 34P flat black frame finish when ordering.
 B - Not Shown.
 C - As of 8/15/03, the Threaded Insert was revised from 3 to 5 Holes. Threaded Insert is Backward Compatible and does not require ordering in Pairs.

PW93ST Footrest Supports

Before 9/1/02
Color



PW93ST Footrest Supports

Before 9/1/02

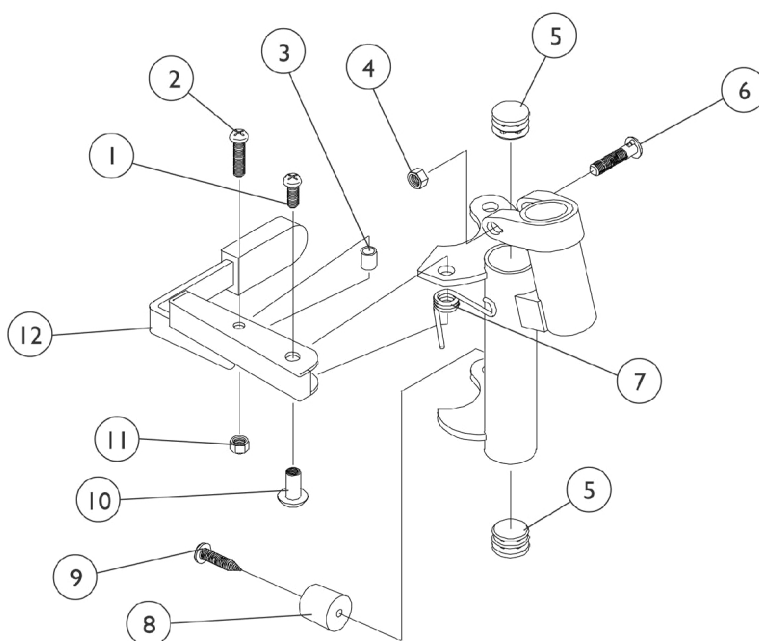
Color

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1025716	Screw, Phillips Pan Head (#10-32 x 11/16")	1	1
2		1026114	Screw, Phillips Pan Head (#10-32 x 1/2")	1	1
3		1035539	Handle, Release, Black - Right	1	1
3		1035540	Handle, Release, Black - Left	1	1
4		1025735	Locknut (#10-32)	1	1
5		1028846-NLA	NLA - Rivnut (#10-32)	1	1
6		1030434-NLA	NLA - Cushion, Tubular Foam	1	1
7		1030435-NLA	NLA - Cover, Foam Cushion	1	1
8		1028707	Spring, Release - Right	1	1
8		1028708	Spring, Release - Left	1	1
9		47565X057	Bushing (7/32 x 3/8 x 11/32")	1	1
10		15680X012	Collar, Anti-Rattle (7/8")	1	1
11		1070759	Screw, Hex Head (1/4-20 x 1-1/2")	1	1
12		1026099	Spacer, Coved (1/4 x 11/16 x 1/2")	1	2
13		1044214	Nut, Hex with Nylon Cap (1/4-20)	1	1
14	C	1020534	Insert, Threaded	1	1
15		1074143	Kit, Slide Tube Mounting Hardware	1	1
	A,B	8881070784-NL A	NLA - Footrest Support Assembly, Adult, Color - Right	1	1
	A,B	8881070785-NL A	NLA - Footrest Support Assembly, Adult, Color - Left	1	1
NOTE: A - Specify 34P flat black frame finish when ordering B - Not Shown C - As of 8/15/03, the Threaded Insert was revised from 3 to 5 Holes. Threaded Insert is Backward Compatible and does not require ordering in Pairs.					

P93M Footrest Supports

Before 9/1/02

Color



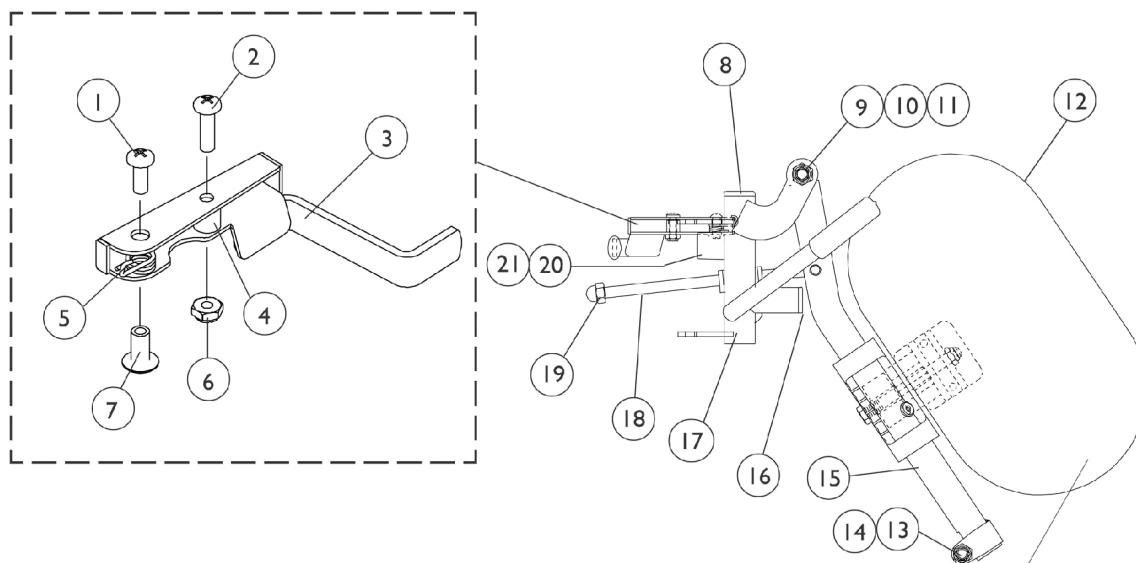
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		40163X002	Screw, Phillips Round Head (#10-32 x 1/2")	1	1
2		40163X008	Screw, Phillips Pan Head (#10-32 x 11/16")	1	1
3		47565X057	Bushing (7/32 x 3/8 x 11/32")	1	1
4		1107321	Nut, Low Cap (5/16"-24)	1	1
5		1027095	Plug Button, Black (7/8")	1	2
6		11232X009	Bolt, Lug (5/16-24 x 1-3/8")	1	1
7		1008935	Spring, Release - Right	1	1
7		1008936	Spring, Release - Left	1	1
8		1022874	Bumper	1	1
9		1030979	Screw, Phillips Pan Head Tap (#10-32 x 3/4")	1	1
10		67005X000	Rivnut (#10-32)	1	1
11		60279X003	Locknut (#10-32)	1	1
12		1035539	Handle, Release, Black - Right	1	1
12		1035540	Handle, Release, Black - Left	1	1
	A,B	8881037836-NL A	NLA - Footrest Support Assembly, Adult, Color - Right	1	1
	A,B	8881037837-NL A	NLA - Footrest Support Assembly, Adult, Color - Left	1	1

NOTE: A - Specify 34P flat black frame finish when ordering.
B - Not Shown

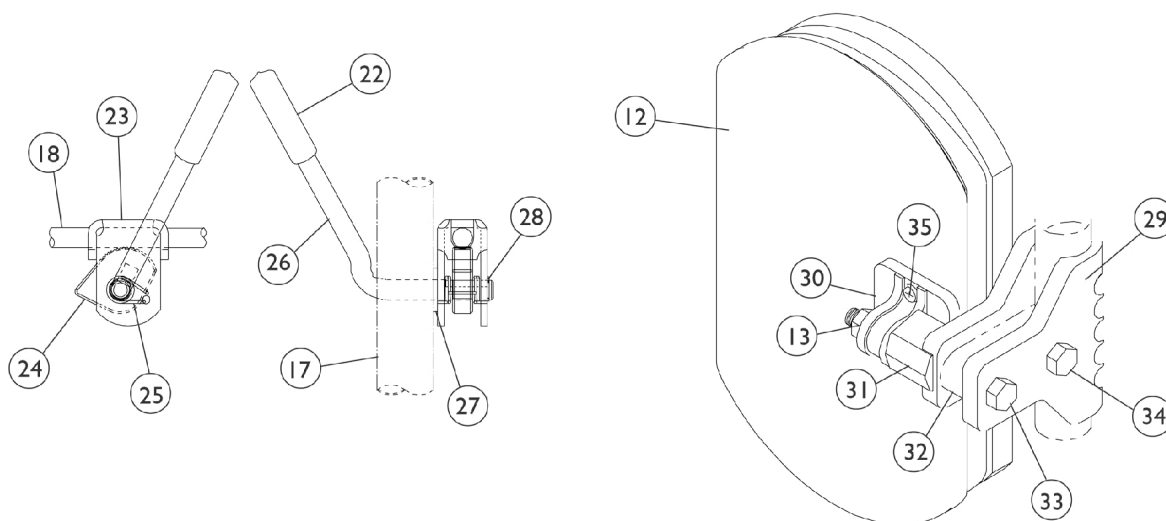
PZH904A Legrest

(Before 9/1/02) Color

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1066591) when ordering replacement Calf Pads.



NOTE: Legrest pad and attaching hardware not included with support assembly.



PZH904A Legrest (Before 9/1/02) Color

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1066591) when ordering replacement Calf Pads.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1025716	Screw, Phillips Pan Head (#10-32 x 11/16")	1	2
2		1026114	Screw, Phillips Pan Head (#10-32 x 1/2")	1	1
3		1035539	Handle, Release, Black - Right	1	1
3		1035540	Handle, Release, Black - Left	1	1
4		47565X057	Bushing (7/32 x 3/8 x 11/32")	1	1
5		1028707	Spring, Release - Right	1	1
5		1028708	Spring, Release - Left	1	1
6		1025735	Locknut (#10-32)	1	1
7		1028846-NLA	NLA - Rivnut (#10-32)	1	1
8		1027095	Plug Button, Black (7/8")	1	1
9		11919X000-NLA	NLA - Screw, Slotted Truss Head (3/8-16 x 1-1/2")	1	1
10		1058636-NLA	NLA - Washer, Nylon (25/64 x 7/8 x 1/32")	1	1
11		40363X000	Hex Nut (3/8"-16)	1	2
12	A,E	8881091764	Pad, Legrest, Vinyl - Right/Left	1	1
13		1025730	Locknut (5/16-24)	1	1
14		1026030	Bolt, Lug (5/16-24 x 1-3/8")	1	3
15	B	8881048851	Tube, Elevating Adjustable Support, Color - Right	1	1
15	B	8881048852	Tube, Elevating Adjustable Support, Color - Left	1	1
16		1027097	Plug Button, Black (3/4")	1	1
17	B	8881058664-NL A	NLA - Tube, Legrest Support, Color - Right	1	1
17	B	8881058665-NL A	NLA - Tube, Legrest Support, Color - Left	1	1
18		42326X004	Bar, Ratchet - Right/Left	1	1
19		10261X000	Nut, Acorn (5/16-24)	1	1
20		1022874	Bumper	1	1
21		1030979	Screw, Phillips Pan Head Tap (#10-32 x 3/4")	1	1
22		1040060	Tip, Plastic, Black	1	1
23		04528X002	Bracket, Release, Black	1	1
24		1037125	Cam, Legrest	1	1
25		1037485	Spring, Release	1	1
26		1037126	Handle, Release	1	1
27		1013519	Washer, Nylon (5/16 x 11/16 x 1/16")	1	1
28		1040831	Ring, Snap	1	1
29		1032266	Bracket, Legrest Pad Mounting, Black	1	1
30		04526X019	Plate, Legrest Pad	1	1
31		1025133	Spacer, Legrest Pad, Black	1	1
32		1032267	Spacer, Legrest Pad Mounting, Black	1	1
33		1037110	Screw, Hex Head (5/16-24 x 3-1/2")	1	1
34		1028514	Screw, Hex Head (5/16-24 x 1-1/2")	1	1
35	D	1066591	Hardware, Legrest Pad	1	1
			Screw, Phillips Pan Head (#10-32 x 11/16")	1	2

PZH904A Legrest (Before 9/1/02) Color

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1066591) when ordering replacement Calf Pads.

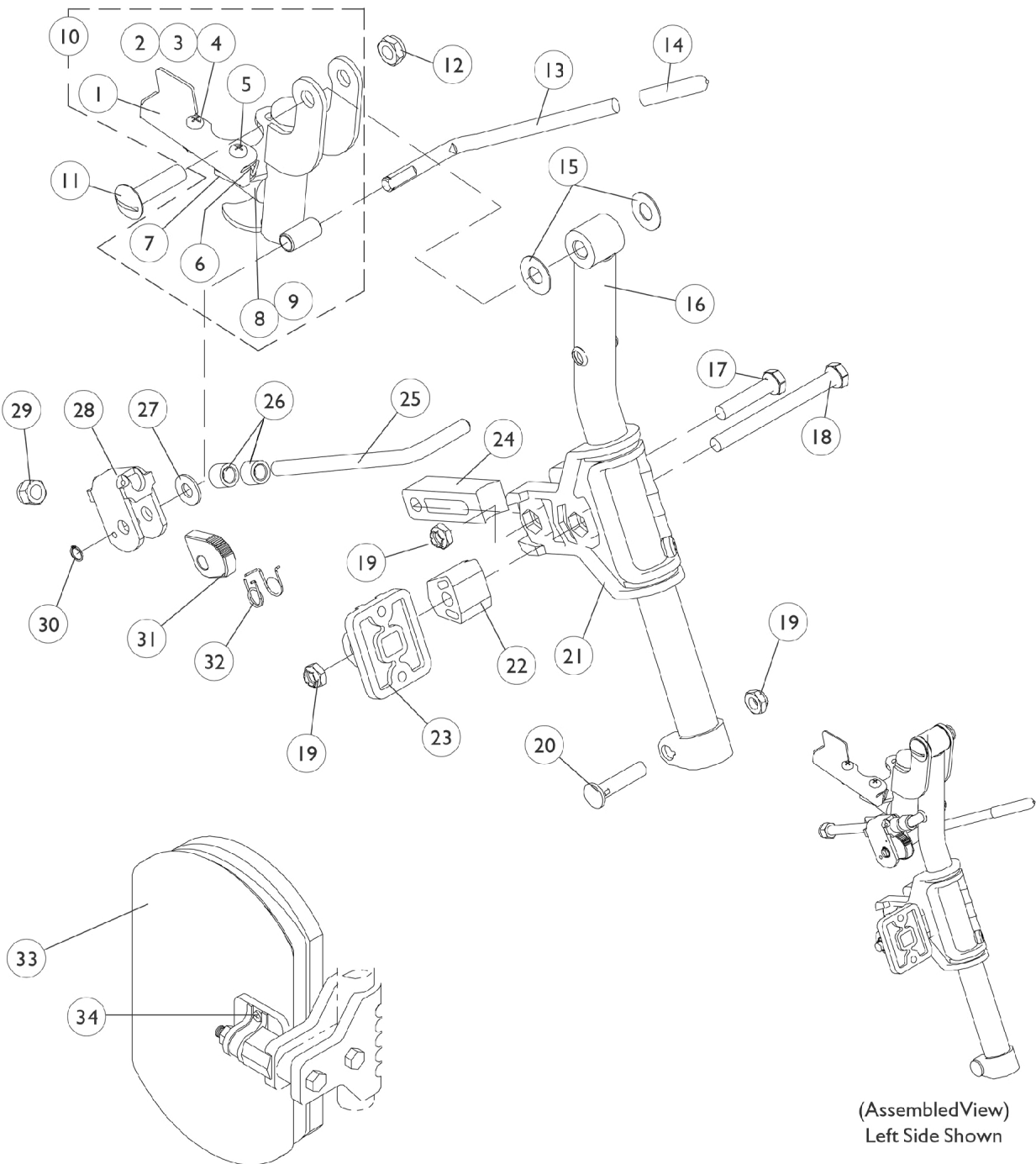
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
			Screw, Phillips Pan Head (#10-32 x 1")	1	2
			Instruction Sheet, Legrest Pad Mtg.	1	1
	B,C	8881058646-NL A	NLA - Legrest Support Assembly, Adult, Color - Right	1	1
	B,C	8881058647-NL A	NLA - Legrest Support Assembly, Adult, Color - Left	1	1
NOTE: A - Specify upholstery color U67 Black when ordering. B - Specify 34P flat black frame finish when ordering. C - Not Shown D - Includes Screws and Instruction Sheet. E - Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1066591) when ordering replacement Calf Pads.					

PH904A (Hemi) Legrest Supports

9/1/02-1/5/03

Color

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads.



PH904A (Hemi) Legrest Supports

9/1/02-1/5/03
Color

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads.

PH904A (Hemi) Legrest Supports

9/1/02-1/5/03

Color

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1031470-NLA	NLA - Handle, Release, Black - Left	1	1
1	A	1031469-NLA	NLA - Handle, Release, Black - Right	1	1
2		1025716	Screw, Phillips Pan Head (#10-32 x 11/16")	1	1
3		47565X057	Bushing (7/32 x 3/8 x 11/32")	1	1
4		1025735	Locknut (#10-32)	1	1
5		1026114	Screw, Phillips Pan Head (#10-32 x 1/2")	1	1
6		1008935	Spring, Release - Right	1	1
6		1008936	Spring, Release - Left	1	1
7		67005X000	Rivnut (#10-32)	1	1
8		1030979	Screw, Phillips Pan Head Tap (#10-32 x 3/4")	1	1
9		1022874	Bumper	1	1
10	D	1113041-NLA	NLA - Legrest Support Tube Assembly, Hemi, Black - Right	1	1
10	D	1113042-NLA	NLA - Legrest Support Tube Assembly, Hemi, Black - Left	1	1
11		11919X000-NLA	NLA - Screw, Slotted Truss Head (3/8-16 x 1-1/2")	1	1
12		40363X000	Hex Nut (3/8"-16)	1	1
13		1037126	Handle, Release	1	1
14		1040060	Tip, Plastic, Black	1	1
15		1058636-NLA	NLA - Washer, Nylon (25/64 x 7/8 x 1/32")	1	2
16	B	8881048851	Tube, Elevating Adjustable Support, Color - Right	1	1
16	B	8881048852	Tube, Elevating Adjustable Support, Color - Left	1	1
17		1028514	Screw, Hex Head (5/16-24 x 1-1/2")	1	1
18		1037110	Screw, Hex Head (5/16-24 x 3-1/2")	1	1
19		1025730	Locknut (5/16-24)	1	3
20		1026030	Bolt, Lug (5/16-24 x 1-3/8")	1	1
21		1032266	Bracket, Legrest Pad Mounting, Black	1	1
22		1025133	Spacer, Legrest Pad, Black	1	1
23		04526X019	Plate, Legrest Pad	1	1
24		1032267	Spacer, Legrest Pad Mounting, Black	1	1
25		1113030	Bar, Ratchet	1	1
26		47330X003	Spacer (5/16 x 1/2 x 3/8")	1	2
27		1013519	Washer, Nylon (5/16 x 11/16 x 1/16")	1	1
28		04528X002	Bracket, Release, Black	1	1
29		10261X000	Nut, Acorn (5/16-24)	1	1
30		1040831	Ring, Snap	1	1
31		1037125	Cam, Legrest	1	1
32		1037485	Spring, Release	1	1
33	C,F	8881091764	Pad, Legrest, Vinyl - Right/Left	1	1

PH904A (Hemi) Legrest Supports

9/1/02-1/5/03
Color

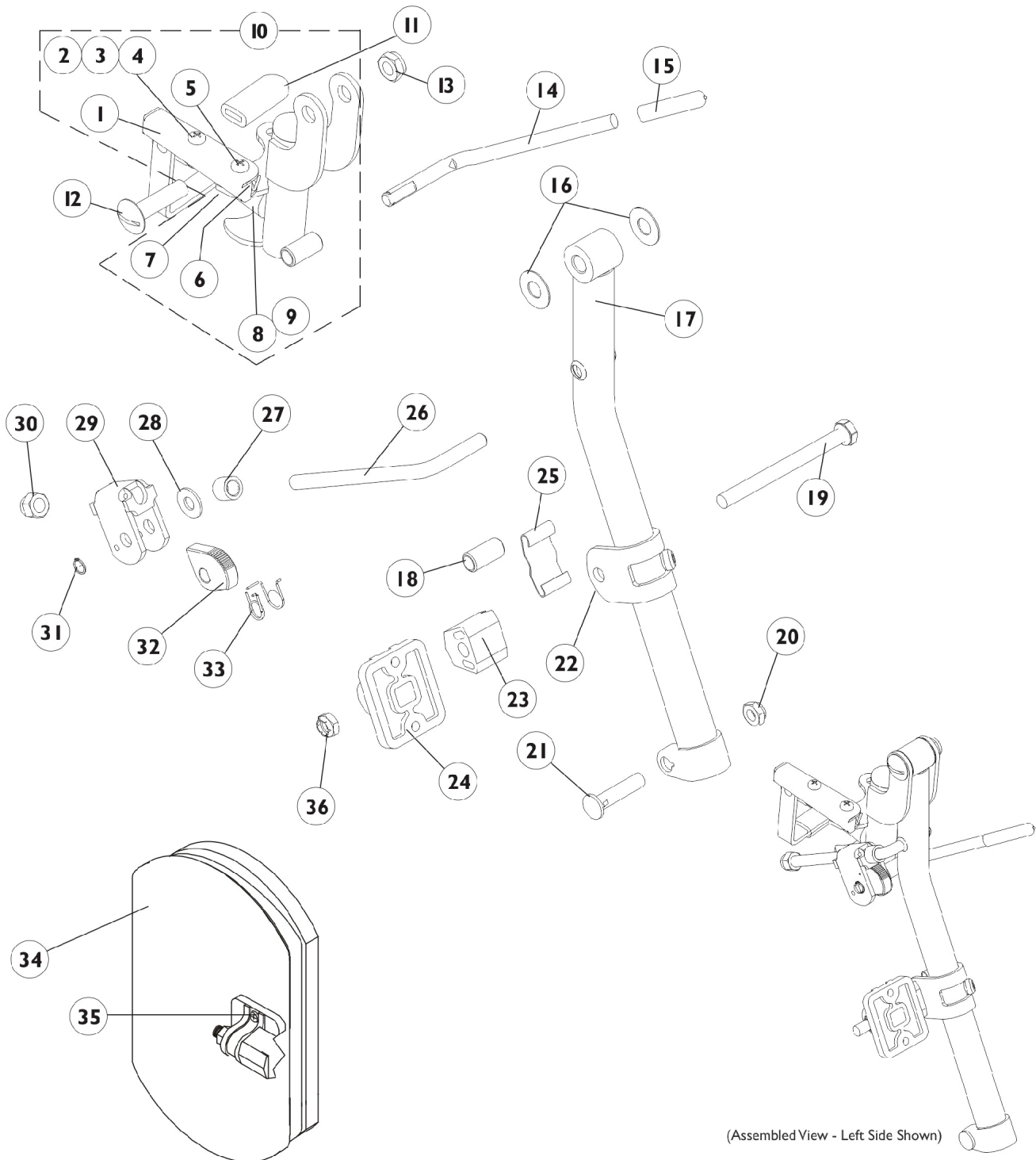
Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
34	E	1068649	Hardware, Legrest Pad	1	1
			Screw, Phillips Pan Head (#10-32 x 11/16")	1	2
			Screw, Phillips Pan Head (#10-32 x 1")	1	2
			Instruction Sheet, Legrest Pad Mtg.	1	1
	B	8881113043	Legrest Support Assembly, Hemi, Color - Right	1	1
	B	8881113044	Legrest Support Assembly, Hemi, Color - Left	1	1
NOTE: A - Includes items 2-4 B - Specify 34P flat black frame finish when ordering C - Not Shown D - Includes Items 1 and 5-9 E - Includes Screws and Instruction Sheet. F - Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads.					

PH904A (Hemi) Legrest Supports

After 1/5/03

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads.



PH904A (Hemi) Legrest Supports

After 1/5/03

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1114749-NLA	NLA - Handle, Release, Black - Right	1	1
1		1114750-NLA	NLA - Handle, Release, Black - Left	1	1
2		1025716	Screw, Phillips Pan Head (#10-32 x 11/16")	1	1
3		47565X057	Bushing (7/32 x 3/8 x 11/32")	1	1
4		1025735	Locknut (#10-32)	1	1
5		1026114	Screw, Phillips Pan Head (#10-32 x 1/2")	1	1
6		1008935	Spring, Release - Right	1	1
6		1008936	Spring, Release - Left	1	1
7		67005X000	Rivnut (#10-32)	1	1
8		1030979	Screw, Phillips Pan Head Tap (#10-32 x 3/4")	1	1
9		1022874	Bumper	1	1
10	F	1114753	Legrest Support Assembly, Black - Right	1	1
10	F	1114754	Legrest Support Assembly, Black - Left	1	1
11		1006490	Tip, Plastic, Black	1	1
12		11919X000-NLA	NLA - Screw, Slotted Truss Head (3/8-16 x 1-1/2")	1	1
13		40363X000	Hex Nut (3/8"-16)	1	1
14		1037126	Handle, Release	1	1
15		1040060	Tip, Plastic, Black	1	1
16		1058636-NLA	NLA - Washer, Nylon (25/64 x 7/8 x 1/32")	1	2
17	A	8881048851	Tube, Elevating Adjustable Support, Color - Right	1	1
17	A	8881048852	Tube, Elevating Adjustable Support, Color - Left	1	1
18		47328X003	Bushing, Pivot (5/16 x 7/16 x 7/8")	1	1
19		1014807	Screw, Hex Head (5/16-24 x 3-1/4")	1	1
20		1107321	Nut, Low Cap (5/16"-24)	1	1
21		1026030	Bolt, Lug (5/16-24 x 1-3/8")	1	1
22		1110207	Bracket, Calf Pad Mounting, Black	1	1
23		1025133	Spacer, Legrest Pad, Black	1	1
24		04526X019	Plate, Legrest Pad	1	1
25		48823X008	Spring, Leaf	1	1
26		1113030	Bar, Ratchet	1	1
27		47330X003	Spacer (5/16 x 1/2 x 3/8")	1	2
28		1013519	Washer, Nylon (5/16 x 11/16 x 1/16")	1	1
29		04528X002	Bracket, Release, Black	1	1
30		10261X000	Nut, Acorn (5/16-24)	1	1
31		1040831	Ring, Snap	1	1
32		1037125	Cam, Legrest	1	1
33		1037485	Spring, Release	1	1
34	B,E	8881091764	Pad, Legrest, Vinyl - Right/Left	1	1
35	D	1068649	Hardware, Legrest Pad	1	1
			Screw, Phillips Pan Head (#10-32 x 11/16")	1	2
			Screw, Phillips Pan Head (#10-32 x 1")	1	2

PH904A (Hemi) Legrest Supports

After 1/5/03

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads.

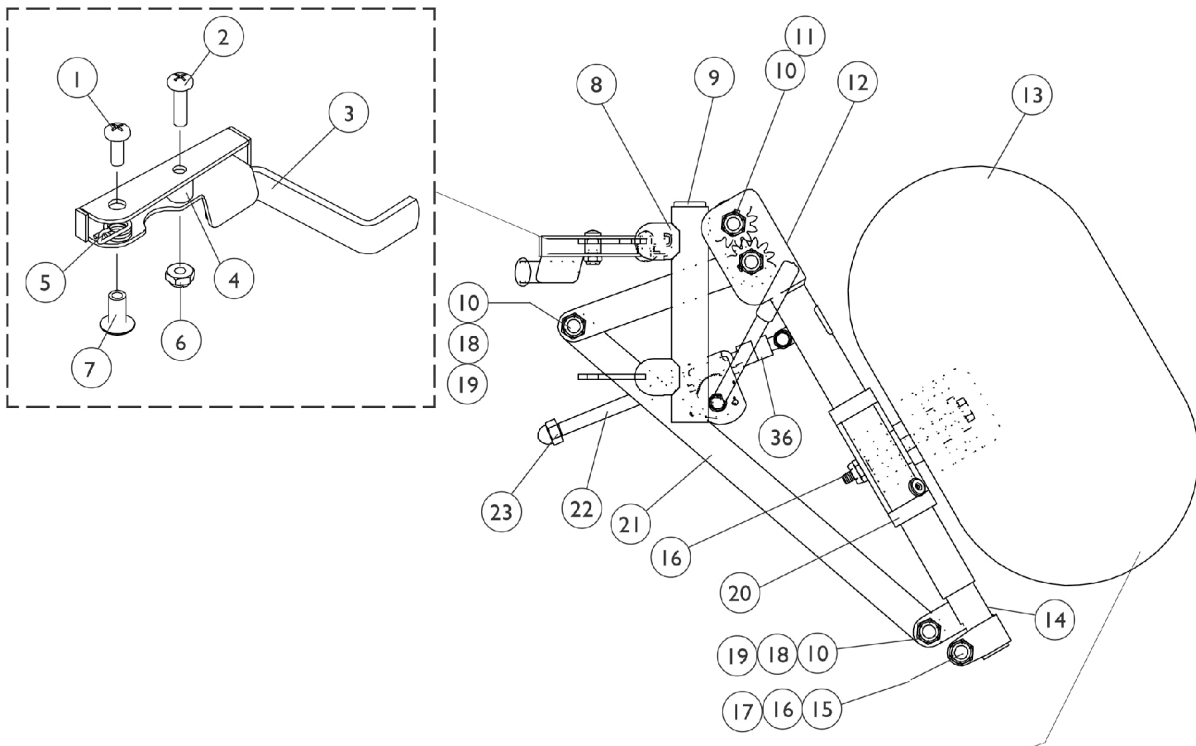
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
36		1025730	Instruction Sheet, Legrest Pad Mtg.	1	1
			Locknut (5/16-24)	1	1
	A,C,G	8881114757	Legrest Support Assembly, Hemi, Color - Right	1	1
	A,C,G	8881114758	Legrest Support Assembly, Hemi, Color - Left	1	1
NOTE: A - Specify 34P flat black frame finish when ordering B - Specify upholstery color U67 black when ordering C - Not Shown D - Includes Screws and Instruction Sheet. E - Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads. F - Includes items 1-9. G - Includes items 1-33 and 36.					

PAL4A Articulating Legrest

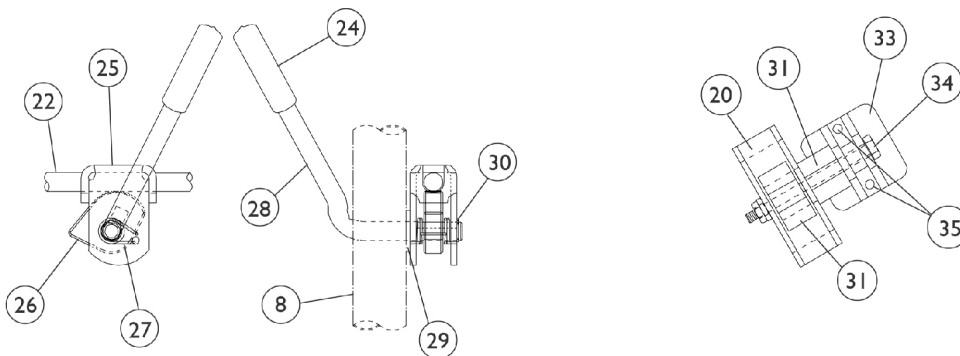
Before 9/1/02

Chrome

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1066591) when ordering replacement Calf Pads.



NOTE: Legrest pad and attaching hardware not included with support assembly.



PAL4A Articulating Legrest

Before 9/1/02

Chrome

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1066591) when ordering replacement Calf Pads.

PAL4A Articulating Legrest

Before 9/1/02

Chrome

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1066591) when ordering replacement Calf Pads.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1025706-NLA	NLA - Screw, Phillips Oval Head (#10-16 x 7/8")	1	1
2		1026114	Screw, Phillips Pan Head (#10-32 x 1/2")	1	1
3		1035539	Handle, Release, Black - Right	1	1
3		1035540	Handle, Release, Black - Left	1	1
4		47565X057	Bushing (7/32 x 3/8 x 11/32")	1	1
5		1028707	Spring, Release - Right	1	1
5		1028708	Spring, Release - Left	1	1
6		1025735	Locknut (#10-32)	1	1
7		1028846-NLA	NLA - Rivnut (#10-32)	1	1
8		1058478-NLA	NLA - Tube, Legrest Support - Right	1	1
8		1058479-NLA	NLA - Tube, Legrest Support - Left	1	1
9		1027097	Plug Button, Black (3/4")	1	1
10		40363X000	Hex Nut (3/8"-16)	1	3
11		1022854-NLA	NLA - Screw, Shoulder Slotted Head (1/2 x 1-1/8", 3/8-16)	1	1
12		1022877-NLA	NLA - Tube, Support and Drive Link, Chrome - Right	1	1
12		1022878-NLA	NLA - Tube, Support and Drive Link, Chrome - Left	1	1
13	A,D	8881091764	Pad, Legrest, Vinyl - Right/Left	1	1
14		1022848	Tube, Slide, Articulating, Chrome - Right	1	1
14		1022849	Tube, Slide, Articulating, Chrome - Left	1	1
15		1027377	Washer (#20)	1	1
16		60264X001	Locknut (5/16-24)	1	1
17		11232X009	Bolt, Lug (5/16-24 x 1-3/8")	1	1
18		1022866-NLA	NLA - Screw, Socket Button Head (3/8-16 x 3/4")	1	2
19		1049527	Washer, Nylon (3/8 x 3/4 x 1/16")	1	2
20		1025104	Bracket, Legrest, Chrome	1	1
21		1022846-NLA	NLA - Bar, Link, Black	1	1
22		1023811-NLA	NLA - Bar, Ratchet - Right	1	1
22		1023812-NLA	NLA - Bar, Ratchet - Left	1	1
23		10261X000	Nut, Acorn (5/16-24)	1	1
24		1040060	Tip, Plastic, Black	1	1
25		04528X002	Bracket, Release, Black	1	1
26		1037125	Cam, Legrest	1	1
27		1037485	Spring, Release	1	1
28		1037126	Handle, Release	1	1
29		1013519	Washer, Nylon (5/16 x 11/16 x 1/16")	1	1
30		1040831	Ring, Snap	1	1
31		48823X008	Spring, Leaf	1	1
32		1025133	Spacer, Legrest Pad, Black	1	1

PAL4A Articulating Legrest

Before 9/1/02

Chrome

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1066591) when ordering replacement Calf Pads.

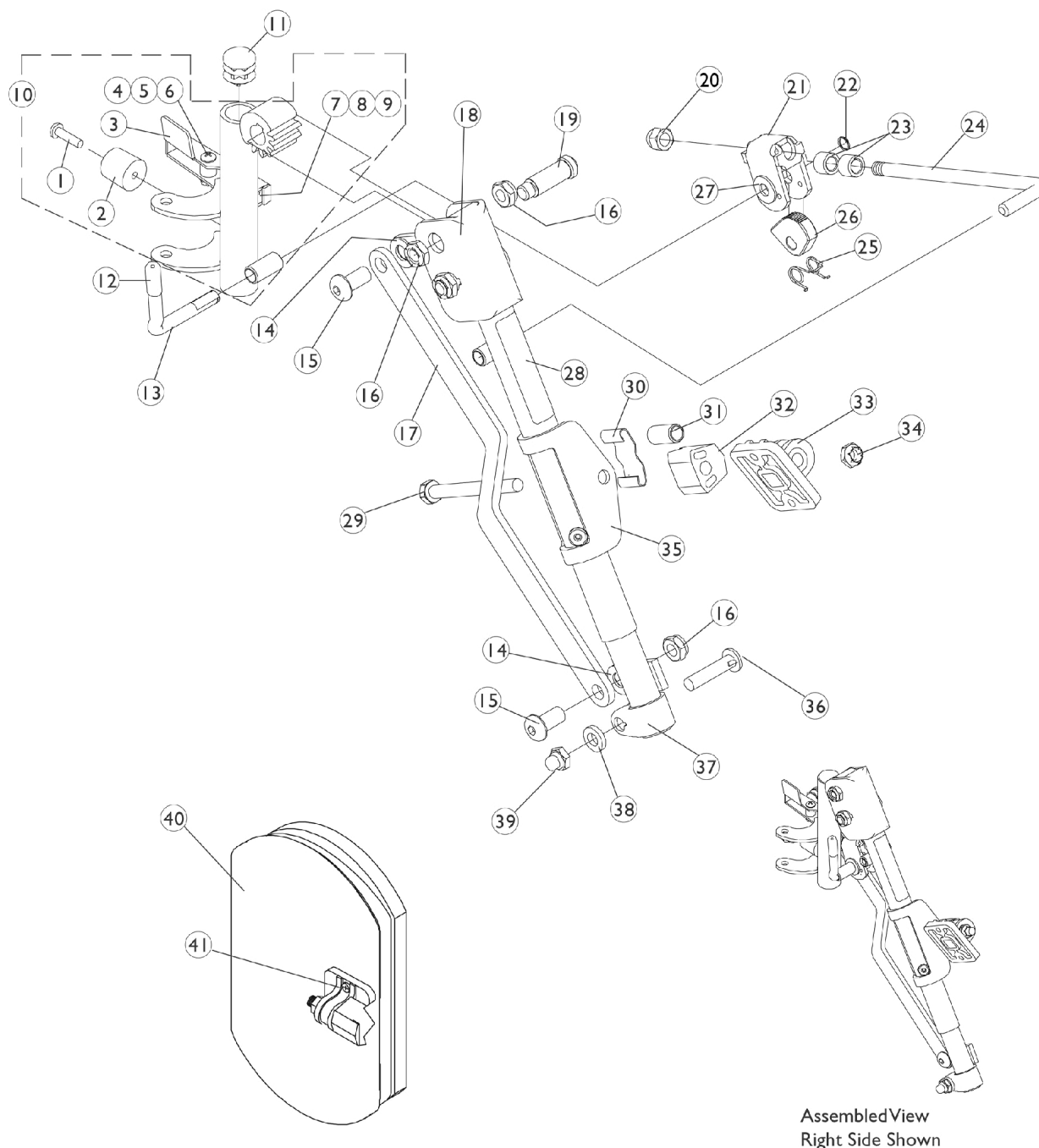
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
33		04526X019	Plate, Legrest Pad	1	1
34		1014807	Screw, Hex Head (5/16-24 x 3-1/4")	1	1
35	C	1066591	Hardware, Legrest Pad	1	1
			Screw, Phillips Pan Head (#10-32 x 11/16")	1	2
			Screw, Phillips Pan Head (#10-32 x 1")	1	2
			Instruction Sheet, Legrest Pad Mtg.	1	1
36		47328X003	Bushing, Pivot (5/16 x 7/16 x 7/8")	1	2
	B	1058482-NLA	NLA - Legrest Support Assembly, Articulating, Adult, Chrome - Right	1	1
	B	1058483-NLA	NLA - Legrest Support Assembly, Articulating, Adult, Chrome - Left	1	1
NOTE: A - Specify upholstery color U67 Black when ordering B - Not Shown C - Includes Screws and Instruction Sheet. D - Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1066591) when ordering replacement Calf Pads.					

PHAL4A (Hemi) Articulating Legrest Supports

9/1/02-1/5/03

Chrome

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads.



PHAL4A (Hemi) Articulating Legrest Supports

9/1/02-1/5/03

Chrome

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads.

PHAL4A (Hemi) Articulating Legrest Supports

9/1/02-1/5/03

Chrome

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1030979	Screw, Phillips Pan Head Tap (#10-32 x 3/4")	1	1
2		1022874	Bumper	1	1
3	A	1087698-NLA	NLA - Handle, Release, Chrome - Right	1	1
3	A	1087699-NLA	NLA - Handle, Release, Chrome - Left	1	1
4		47565X057	Bushing (7/32 x 3/8 x 11/32")	1	1
5		60279X003	Locknut (#10-32)	1	1
6		40163X008	Screw, Phillips Pan Head (#10-32 x 11/16")	1	1
7		1008935	Spring, Release - Right	1	1
7		1008936	Spring, Release - Left	1	1
8		67005X000	Rivnut (#10-32)	1	1
9		40163X002	Screw, Phillips Round Head (#10-32 x 1/2")	1	1
10		1114918-NLA	NLA - Legrest Support Tube Assembly, Hemi, Chrome - Right	1	1
10	D	1114919-NLA	NLA - Legrest Support Tube Assembly, Hemi, Chrome - Left	1	1
11		1027097	Plug Button, Black (3/4")	1	1
12		1040060	Tip, Plastic, Black	1	1
13		1037126	Handle, Release	1	1
14		1049527	Washer, Nylon (3/8 x 3/4 x 1/16")	1	2
15		1022866-NLA	NLA - Screw, Socket Button Head (3/8-16 x 3/4")	1	2
16		40363X000	Hex Nut (3/8"-16)	1	3
17		1022846-NLA	NLA - Bar, Link, Black	1	1
18		1022877-NLA	NLA - Tube, Support and Drive Link, Chrome - Right	1	1
18		1022878-NLA	NLA - Tube, Support and Drive Link, Chrome - Left	1	1
19		1022854-NLA	NLA - Screw, Shoulder Slotted Head (1/2 x 1-1/8", 3/8-16)	1	1
20		10261X000	Nut, Acorn (5/16-24)	1	1
21		04528X002	Bracket, Release, Black	1	1
22		1040831	Ring, Snap	1	1
23		47328X003	Bushing, Pivot (5/16 x 7/16 x 7/8")	1	2
24		42326X004	Bar, Ratchet - Right/Left	1	1
25		1037485	Spring, Release	1	1
26		1037125	Cam, Legrest	1	1
27		1013519	Washer, Nylon (5/16 x 11/16 x 1/16")	1	1
28		1024911-NLA	NLA - Decal, Smartleg	1	1
29		1014807	Screw, Hex Head (5/16-24 x 3-1/4")	1	1
30		48823X008	Spring, Leaf	1	1
31		47328X003	Bushing, Pivot (5/16 x 7/16 x 7/8")	1	1
32		1025133	Spacer, Legrest Pad, Black	1	1

PHAL4A (Hemi) Articulating Legrest Supports

9/1/02-1/5/03

Chrome

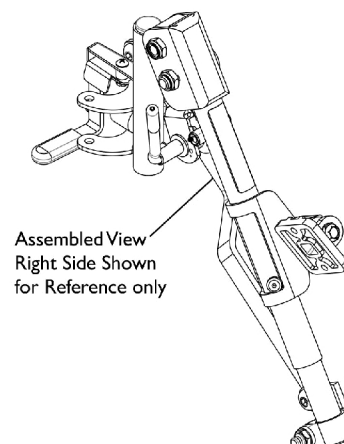
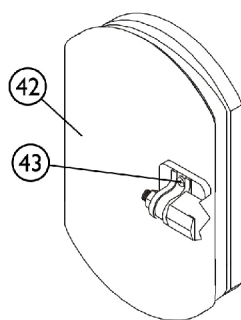
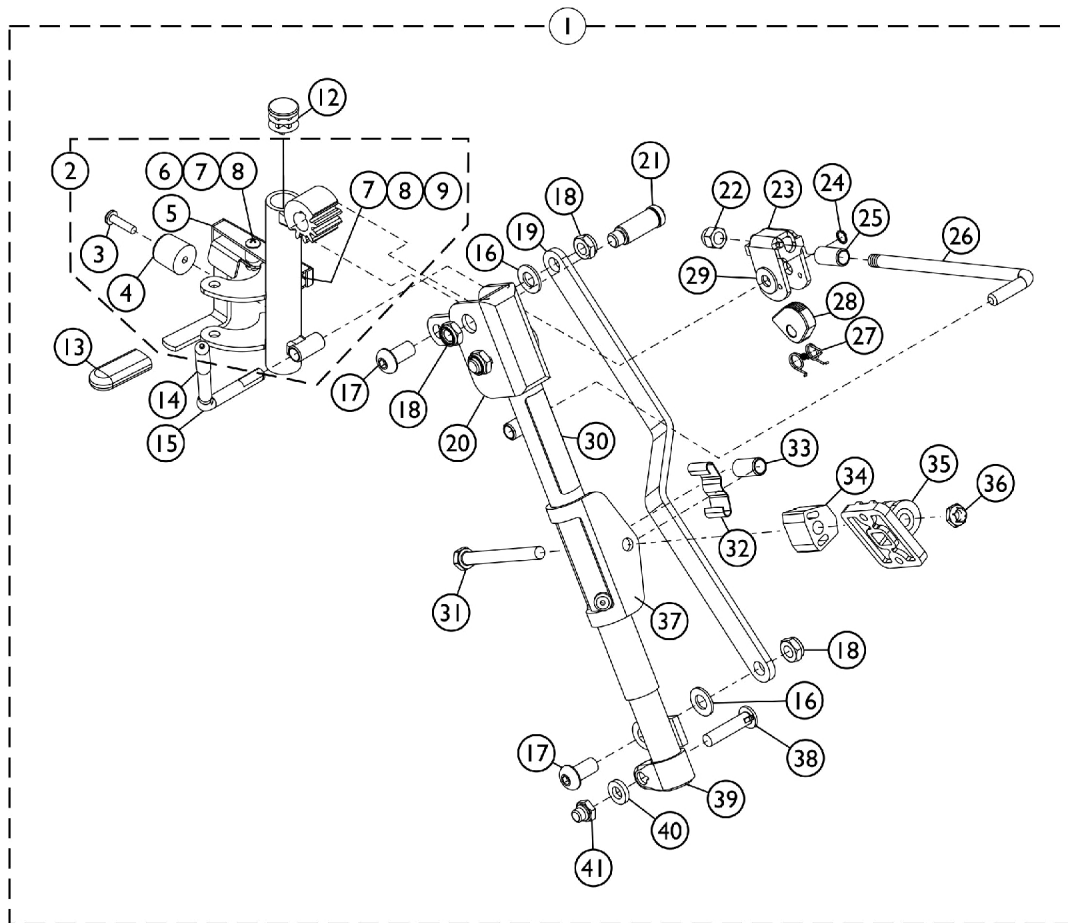
Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
33		04526X019	Plate, Legrest Pad	1	1
34		60264X001	Locknut (5/16-24)	1	1
35		1025104	Bracket, Legrest, Chrome	1	1
36		11232X009	Bolt, Lug (5/16-24 x 1-3/8")	1	1
37		1022848	Tube, Slide, Articulating, Chrome - Right	1	1
37		1022849	Tube, Slide, Articulating, Chrome - Left	1	1
38		1027377	Washer (#20)	1	1
39		1107321	Nut, Low Cap (5/16"-24)	1	1
40	B,F	8881091764	Pad, Legrest, Vinyl - Right/Left	1	1
41	E	1068649	Hardware, Legrest Pad	1	1
			Screw, Phillips Pan Head (#10-32 x 11/16")	1	2
			Screw, Phillips Pan Head (#10-32 x 1")	1	2
			Instruction Sheet, Legrest Pad Mtg.	1	1
	C	1114995-NLA	NLA - Legrest Support Assembly, Articulating, Hemi, Chrome - Right	1	1
	C,D	1114996-NLA	NLA - Legrest Support Assembly, Articulating, Hemi, Chrome - Left	1	1

NOTE: A - Right release handle is used on the left side support and the left release handle is used on the right side support.
 B - Specify upholstery color U67 black when ordering.
 C - Not Shown
 D - No longer available as a service part. There is no replacement.
 E - Includes Screws and Instruction Sheet.
 F - Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads.

PHAL4A (Hemi) Articulating Legrest Supports (After 1/5/03) Chrome

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads.



SCP_001A

PHAL4A (Hemi) Articulating Legrest Supports

(After 1/5/03) Chrome

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	B	1114761	Legrest Support Assembly, Articulating, Hemi, Chrome - Right	1	1
1	B	1114762	Legrest Support Assembly, Articulating, Hemi, Chrome - Left	1	1
2	C,F	1114759-NLA	NLA - Tube, Legrest Support, Hemi, Chrome - Right	1	1
2	F	1114760	Tube, Legrest Support, Hemi, Chrome - Left	1	1
3		1030979	Screw, Phillips Pan Head Tap (#10-32 x 3/4")	1	1
4		1022874	Bumper	1	1
5		1114751-NLA	NLA - Handle, Release, Chrome - Right	1	1
5		1114752	Handle, Release, Chrome - Left	1	1
6		47565X057	Bushing (7/32 x 3/8 x 11/32")	1	1
7		60279X003	Locknut (#10-32)	1	1
8		40163X008	Screw, Phillips Pan Head (#10-32 x 11/16")	1	1
9		1008935	Spring, Release - Right	1	1
9		1008936	Spring, Release - Left	1	1
10		67005X000	Rivnut (#10-32)	1	1
11		40163X002	Screw, Phillips Round Head (#10-32 x 1/2")	1	1
12		1027097	Plug Button, Black (3/4")	1	1
13		1006490	Tip, Plastic, Black	1	1
14		1040060	Tip, Plastic, Black	1	1
15		1037126	Handle, Release	1	1
16		1049527	Washer, Nylon (3/8 x 3/4 x 1/16")	1	2
17		1022866-NLA	NLA - Screw, Socket Button Head (3/8-16 x 3/4")	1	2
18		40363X000	Hex Nut (3/8"-16)	1	3
19		1022846-NLA	NLA - Bar, Link, Black	1	1
20		1022877-NLA	NLA - Tube, Support and Drive Link, Chrome - Right	1	1
20		1022878-NLA	NLA - Tube, Support and Drive Link, Chrome - Left	1	1
21		1022854-NLA	NLA - Screw, Shoulder Slotted Head (1/2 x 1-1/8", 3/8-16)	1	1
22		10261X000	Nut, Acorn (5/16-24)	1	1
23		04528X002	Bracket, Release, Black	1	1
24		1040831	Ring, Snap	1	1
25		47328X003	Bushing, Pivot (5/16 x 7/16 x 7/8")	1	2
26		42326X004	Bar, Ratchet - Right/Left	1	1
27		1037485	Spring, Release	1	1
28		1037125	Cam, Legrest	1	1
29		1013519	Washer, Nylon (5/16 x 11/16 x 1/16")	1	1
30		1024911-NLA	NLA - Decal, Smartleg	1	1
31		1014807	Screw, Hex Head (5/16-24 x 3-1/4")	1	1
32		48823X008	Spring, Leaf	1	1
33		47328X003	Bushing, Pivot (5/16 x 7/16 x 7/8")	1	1
34		1025133	Spacer, Legrest Pad, Black	1	1

PHAL4A (Hemi) Articulating Legrest Supports

(After 1/5/03) Chrome

Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads.

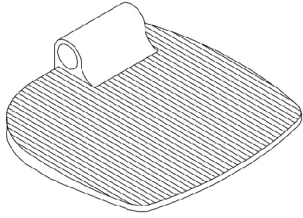
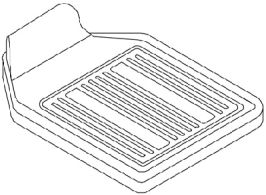
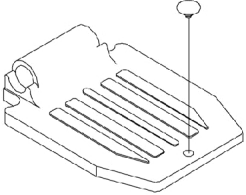
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
35		04526X019	Plate, Legrest Pad	1	1
36		60264X001	Locknut (5/16-24)	1	1
37		1025104	Bracket, Legrest, Chrome	1	1
38		11232X009	Bolt, Lug (5/16-24 x 1-3/8")	1	1
39		1022848	Tube, Slide, Articulating, Chrome - Right	1	1
39		1022849	Tube, Slide, Articulating, Chrome - Left	1	1
40		1027377	Washer (#20)	1	1
41		1107321	Nut, Low Cap (5/16"-24)	1	1
42	A,E	8881091764	Pad, Legrest, Vinyl - Right/Left	1	1
43	D	1068649	Hardware, Legrest Pad	1	1
			Screw, Phillips Pan Head (#10-32 x 11/16")	1	2
			Screw, Phillips Pan Head (#10-32 x 1")	1	2
			Instruction Sheet, Legrest Pad Mtg.	1	1
NOTE: A - Specify upholstery color U67 black when ordering. B - Includes items 3-41 C - No Longer Available individually. See part # 1114761 for replacement. D - Item Includes Screws and Instruction Sheet. E - Due to a change to the Legrest Calf Pad size made on 4/23/12, you must also order the hardware kit (1068649) when ordering replacement Calf Pads. F - Includes items 3-9.					

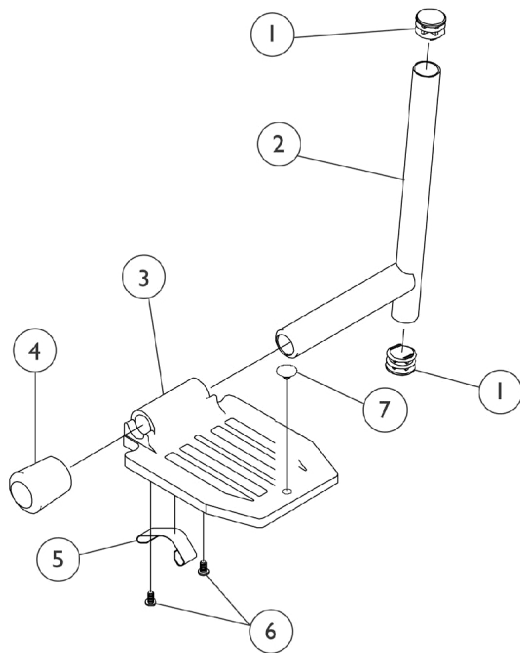
Pivot/Slide Tube and Footplate

P93M, PW93, PHW93, PW93E

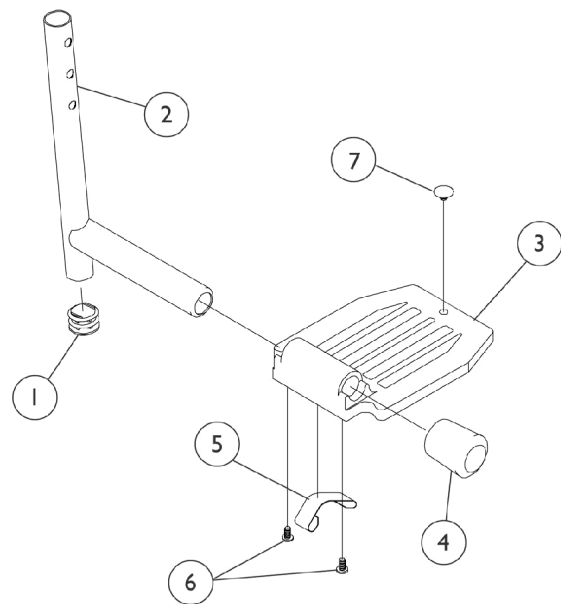
NOTE: Heel Loops are not included. See footrest and legrest accessories.

NOTE: For complete pivot/slide tube and footplate assemblies, see front riggings reference charts.

		
I350 Extra large	I450 Deluxe	I650 Standard Aluminum



P93M



PW93, PHW93 and PW93E

Pivot/Slide Tube and Footplate

P93M, PW93, PHW93, PW93E

NOTE: Heel Loops are not included. See footrest and legrest accessories.

NOTE: For complete pivot/slide tube and footplate assemblies, see front riggings reference charts.

Pivot/Slide Tube and Footplate

P93M, PW93, PHW93, PW93E

NOTE: Heel Loops are not included. See footrest and legrest accessories.

NOTE: For complete pivot/slide tube and footplate assemblies, see front riggings reference charts.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1027097	Plug Button, Black (3/4")	1	2
2	A,C	1041527	Pivot/Slide Tube w/ Plug Button, Black	1	1
2	D,A	1048834	Pivot/Slide Tube w/ Plug Button, Black	1	1
2	B,C	1041525-NLA	NLA - Pivot/Slide Tube w/ Plug Button, Deluxe Aluminum, Black	1	1
2	D,B	1070762-NLA	NLA - Tube, Pivot/Slide w/ Plug Button, Deluxe Aluminum, Black	1	1
3		44200X027	Footplate, Aluminum, Medium, Black (7-3/4" W x 6" L)	1	1
3		1043659-NLA	NLA - Footplate, Aluminum, Deluxe, Black - Right (8" W x 5-3/4" L)	1	1
3		1043660-NLA	NLA - Footplate, Aluminum, Deluxe, Black - Left (8" W x 5-3/4" L)	1	1
3		44200X025	Footplate, Aluminum, Extra Large, Black - Right (8" W x 8-1/2" L)	1	1
3		44200X026	Footplate, Aluminum, Extra Large, Black - Left (8" W x 8-1/2" L)	1	1
4	G	1016346	Cap, End, Tube, Black (7/8")	1	1
4	I	1027095	Plug Button, Black (7/8")	1	1
5	F,G	1006981	Spring, Tension	1	2
5	F,H	1036120-NLA	NLA - Spring	1	2
5	I,J	1036123	Spring, Leaf	1	1
6	F	40120X001	Screw, Phillips Pan Head (#8-32 x 3/8")	1	2
7		1070168	Plug, Push, Footplate	1	1

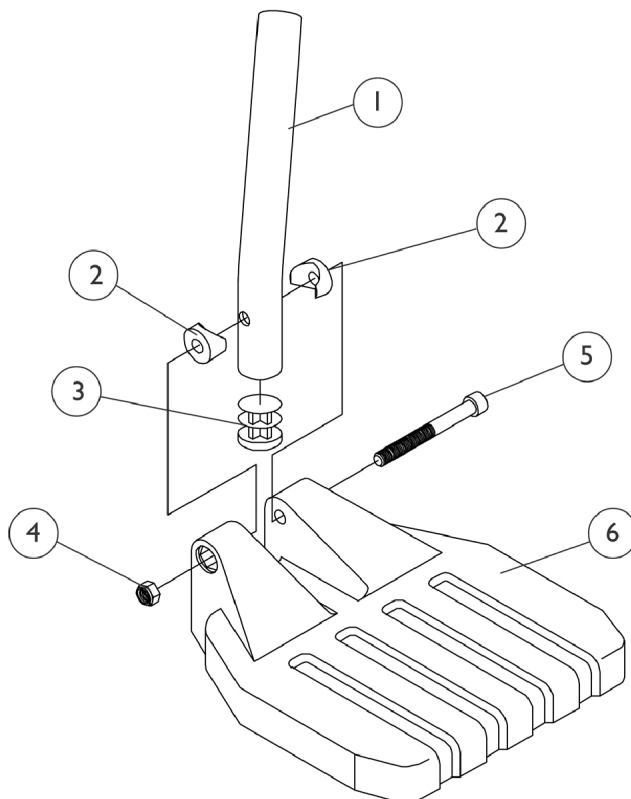
NOTE: A - Standard Aluminum (1650) and Extra Large Aluminum (1350)
 B - Deluxe Aluminum (1450)
 C - P93M
 D - PW93, PHW93 AND PW93E
 F - Deluxe takes one
 G - Standard Aluminum Footplate
 H - Deluxe Aluminum Footplate
 I - Extra Large Aluminum Footplate
 J - Use one or more leaf springs per assembly as required such that footplate may be moved by hand to the up-right position and remain in place.

Pivot/Slide Tube and Composite Footplate

For the Following Footrests:
PW93, PHW93, PW93E, PW93ST

NOTE: Heel Loops are not included. See footrest and legrest accessories.

NOTE: For complete pivot slide tube and footplate assemblies, see front riggings reference chart.



Pivot/Slide Tube and Composite Footplate

**For the Following Footrests:
PW93, PHW93, PW93E, PW93ST**

NOTE: Heel Loops are not included. See footrest and legrest accessories.

NOTE: For complete pivot slide tube and footplate assemblies, see front riggings reference chart.

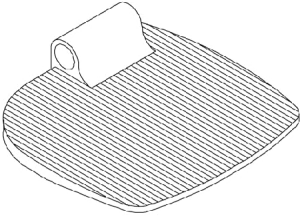
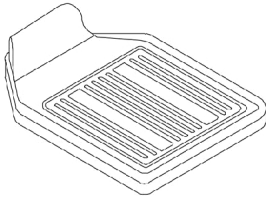
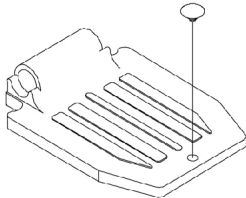
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1057852	Tube, Pivot/Slide, Curved End, Steel, Black (9-7/8")	1	1
2		1025457	Spacer, Coved (1/4 x 3/4 x 11/32")	1	2
3		1027097	Plug Button, Black (3/4")	1	1
4		1025195	Locknut (1/4-20)	1	1
5		60285X006	Screw, Socket Head (1/4-20 x 2-1/4")	1	1
6	A	1026880	Footplate, Composite, Medium, Black (7" W x 6" L)	1	1
6	B	1026881	Footplate, Composite, Large, Black (8" W x 6" L)	1	1
NOTE: A - 16" Wide chairs B - 17-20" Wide chairs					

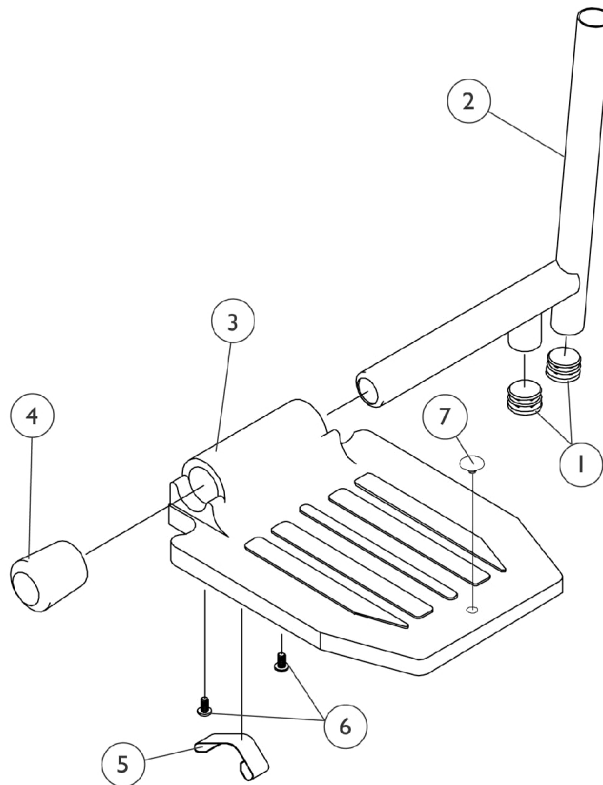
Pivot/Slide Tube and Footplate

P904, PH904A, PAL4A, PHAL4A

NOTE: Heel Loops are not included. See footrest and legrest accessories.

NOTE: For complete pivot slide tube and footplate assemblies, see front riggings reference chart.

		
I350 Extra large	I450 Deluxe	I650 Standard Aluminum



Pivot/Slide Tube and Footplate

P904, PH904A, PAL4A, PHAL4A

NOTE: Heel Loops are not included. See footrest and legrest accessories.

NOTE: For complete pivot slide tube and footplate assemblies, see front riggings reference chart.

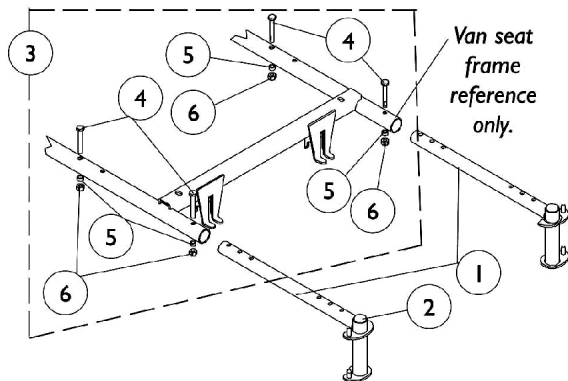
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1027097	Plug Button, Black (3/4")	1	2
2	A,C	1100568-NLA	NLA - Pivot/Slide Tube w/ Plug Button, Black	1	1
2	A,D	1041526	Pivot/Slide Tube w/ Plug Button Assembly, Chrome	1	1
2	B,C	1100571-NLA	NLA - Pivot/Slide Tube w/ Plug Button, Deluxe, Black	1	1
2	B,D,J	1023804-NLA	NLA - Pivot/Slide Tube w/ Plug Button, Deluxe, Chrome	1	1
3		44200X027	Footplate, Aluminum, Medium, Black (7-3/4" W x 6" L)	1	1
3		1043659-NLA	NLA - Footplate, Aluminum, Deluxe, Black - Right (8" W x 5-3/4" L)	1	1
3		1043660-NLA	NLA - Footplate, Aluminum, Deluxe, Black - Left (8" W x 5-3/4" L)	1	1
3		44200X025	Footplate, Aluminum, Extra Large, Black - Right (8" W x 8-1/2" L)	1	1
3		44200X026	Footplate, Aluminum, Extra Large, Black - Left (8" W x 8-1/2" L)	1	1
4	G	1016346	Cap, End, Tube, Black (7/8")	1	1
4	I	1027095	Plug Button, Black (7/8")	1	1
5	G	1006981	Spring, Tension	1	1
5	E,H	1036120-NLA	NLA - Spring	1	1
5	I,K	1036123	Spring, Leaf	1	1
6		40120X001	Screw, Phillips Pan Head (#8-32 x 3/8")	1	2
7		1070168	Plug, Push, Footplate	1	1
NOTE: A - Standard Aluminum (1650) and Extra Large Aluminum (1350) B - Deluxe Aluminum (1450) C - P904A and PH904A D - PAL4A and PHAL4A E - Two per side G - Standard Aluminum Footplate H - Deluxe Aluminum Footplate I - Extra Large Aluminum Footplate J - Part #1023804 is no longer available as a service part individually. See category titled "Front Rigging Reference Chart" and order part #1023924 or 1023925 Pivot/Slide Tube and Footplate Assembly (Deluxe Aluminum - 1450) as a replacement. K - Use one or more leaf springs per assembly as required such that footplate may be moved by hand to the up-right position and remain in place.					

Front Rigging Hanger Assembly

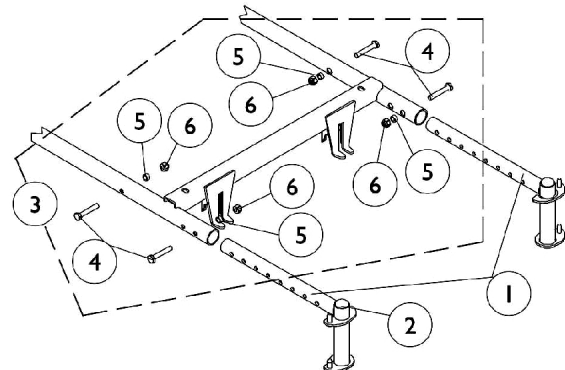
ASBA (Before 8/08/05) and Van Seats

NOTE: Seat pan and Front rigging hanger assembly share the same hardware on ASBA seats. See ASBA seat pan and hardware page.

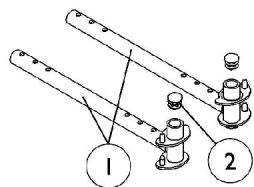
NOTE: Van seat front rigging mounting holes changed from a vertical to horizontal position 5/16/02.



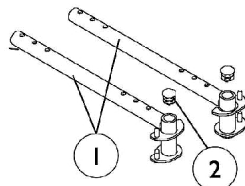
**Front Rigging Hanger
(A.S.B.A. Seat Before 9/1/02)
and (Van Seat Before 5/16/02)**



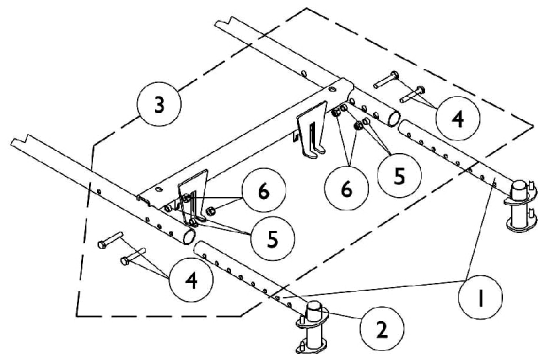
**Front Rigging Hanger
5/16/02 Thru 8/31/02
Van Seat**



**Front (Hemi) Rigging Hanger
A.S.B.A. Seat 9/1/02-1/5/03**



**Front (Hemi) Rigging Hanger
A.S.B.A. Seat 1/6/03-8/07/05**



**Front (Hemi) Rigging Hanger
Van Seat
After 8/31/02**

Front Rigging Hanger Assembly

ASBA (Before 8/08/05) and Van Seats

NOTE: Seat pan and Front rigging hanger assembly share the same hardware on ASBA seats. See ASBA seat pan and hardware page.

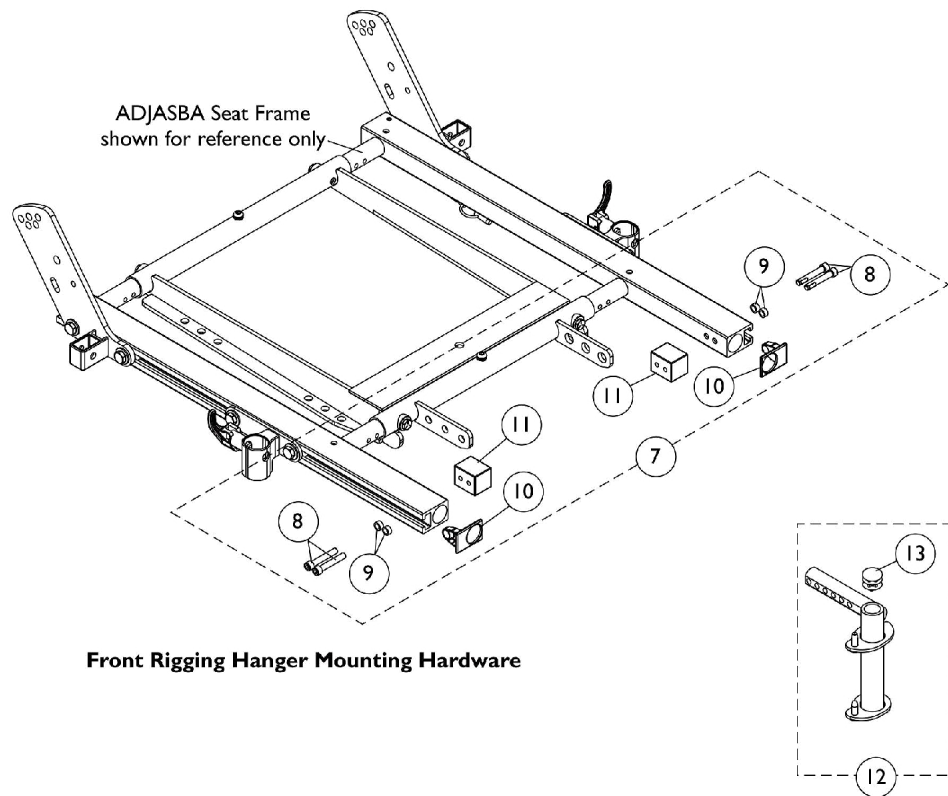
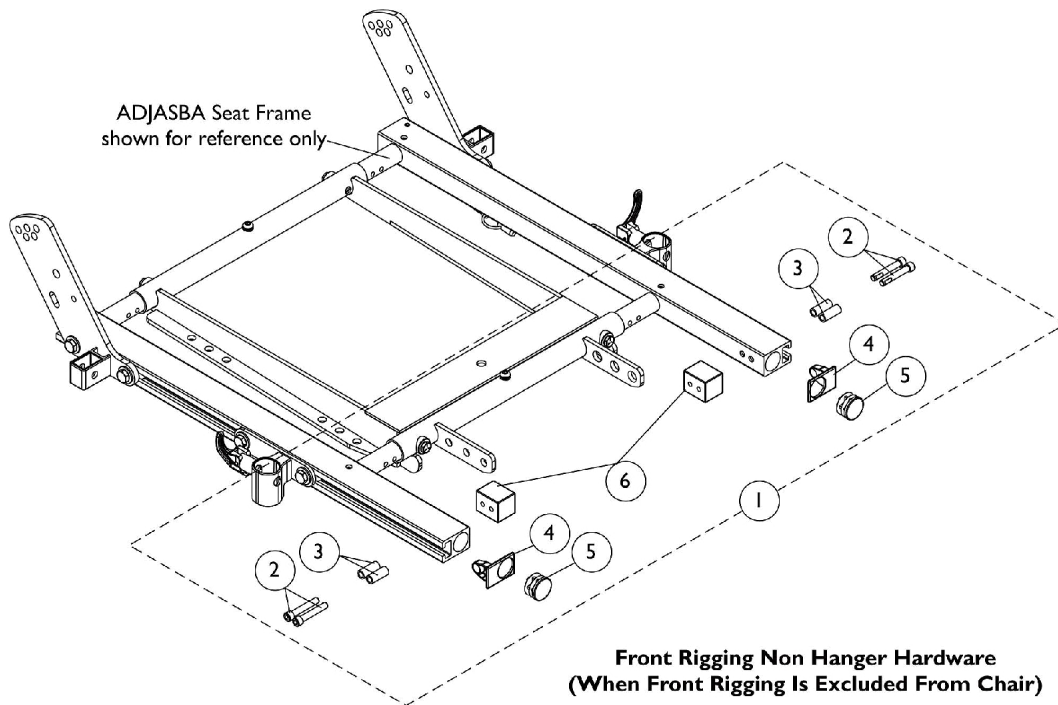
NOTE: Van seat front rigging mounting holes changed from a vertical to horizontal position 5/16/02.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1109009-NLA	NLA - Front Rigging Hanger Assembly w/ Plug Button, Adult, Black - Right	1	1
1	A	1109010	Front Rigging Hanger Assembly w/ Plug Button, Adult, Black - Left	1	1
1	B	1111690-NLA	NLA - Front Rigging Hanger Assembly w/ Plug Button, Adult, Black - Right	1	1
1	B	1111691-NLA	NLA - Front Rigging Hanger Assembly w/ Plug Button, Adult, Black - Left	1	1
1	C	1113026	Front Rigging Hanger Assembly w/ Plug Button, Hemi, Black - Right	1	1
1	C	1113027	Front Rigging Hanger Assembly w/ Plug Button, Hemi, Black - Left	1	1
1	G	1114782-NLA	NLA - Front Rigging Hanger Assembly w/ Plug Button, Hemi, Black - Right	1	1
1	G	1114783-NLA	NLA - Front Rigging Hanger Assembly w/ Plug Button, Hemi, Black - Left	1	1
1	H	1114766	Front Rigging Hanger Assembly w/ Plug Button, Pin Style, Hemi, Black - Right (12 - 21" D)	1	1
1	H	1114767	Front Rigging Hanger Assembly w/ Plug Button, Pin Style, Hemi, Black - Left (12 - 21" D)	1	1
2		1027097	Plug Button, Black (3/4")	1	1
3	D,E	1113589-NLA	NLA - Hardware, Front Rigging Hanger Attaching (Pair)	2	1
3	D,F	1113045	Kit, Front Rigging Hanger Hardware	2	1
4			Screw, Hex Head (1/4-20 x 1-1/2")	1	4
5			NLA - Spacer (1/4 x 3/8 x 3/16")	1	4
6			Locknut (1/4-20)	1	4
4	E	1088898-NLA	NLA - Screw, Hex Head w/ Patch (1/4-20 x 1-3/4")	1	4

NOTE: A - ASBA Before 9/1/02 and Van Seat Before 5/16/02
 B - 5/16/02 thru 8/31/02 for Van Seat Only
 C - After 8/31/02 for Van Seat
 D - Includes items 4-6
 E - Before 5/16/02
 F - After 5/15/02
 G - 9/1/02 thru 1/5/03 for ASBA seat
 H - 1/5/03 thru 8/07/05 for ASBA seat

Front Rigging Hanger Assembly

ADJASBA (After 8/07/05)



Front Rigging Hanger Assembly ADJASBA (After 8/07/05)

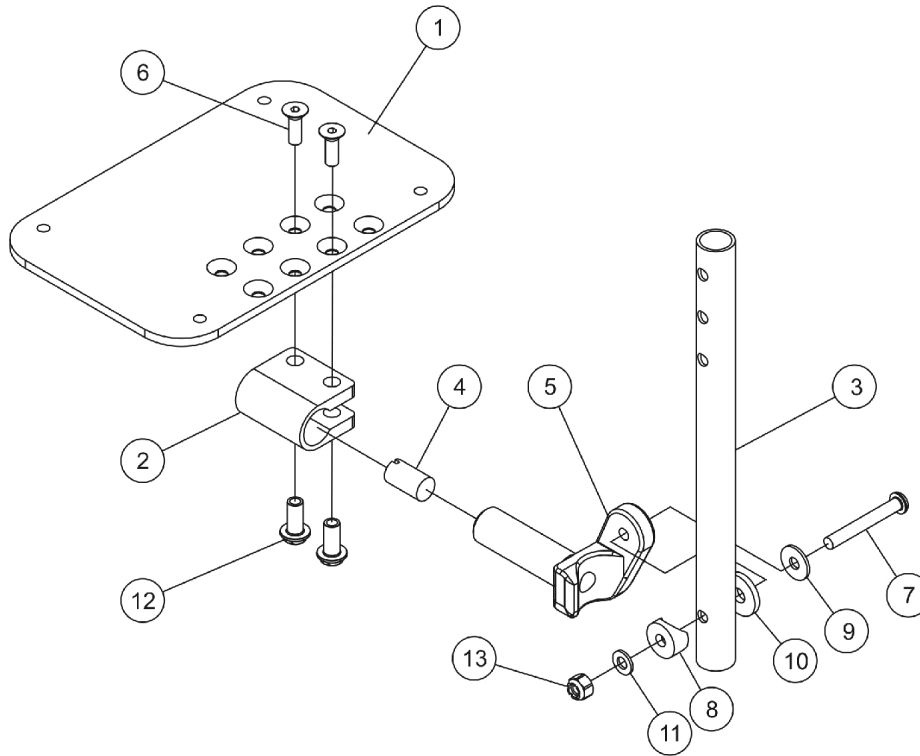
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1124723	Kit, Side Rail Cap Hardware (Pair)	1	1
2			Screw, Socket Head Cap w/ Patch (1/4-20 x 1-1/2")	1	4
3			Spacer (1/4 x 3/8 x 29/32")	1	4
4			Cap, End, Side Rail, Black	1	2
5			Plug Button, Black (1")	1	2
6			Block, Threaded	1	2
7	B	1125726	Kit, Front Rigging Hanger Mounting Hardware (Pair)	1	1
8			Screw, Socket Head Cap w/ Patch (1/4-20 x 1-1/2")	1	4
9			NLA - Spacer (1/4 x 3/8 x 3/16")	1	4
10			Cap, End, Side Rail, Black	1	2
11			Block, Threaded	1	2
12	C	1124401	Front Rigging Hanger Assembly w/ Plug Button, Pin Style, Hemi, Black - Right	1	1
12	C	1124402	Front Rigging Hanger Assembly w/ Plug Button, Pin Style, Hemi, Black - Left	1	1
13		1134426	Package, Plug Button, Black (3/4")	10	1
NOTE: A - Includes items 2-6 B - Includes items 8-11 C - Includes item 13					

AT5543 Adjustable Angle Footplates

PW93, PHW93, PW93E, PW93ST

NOTE: Heel Loops are not included. See footrest and legrest accessories.

NOTE: For complete pivot slide tube and footplate assemblies, see front riggings reference chart.



AT5543 Adjustable Angle Footplates

PW93, PHW93, PW93E, PW93ST

NOTE: Heel Loops are not included. See footrest and legrest accessories.

NOTE: For complete pivot slide tube and footplate assemblies, see front riggings reference chart.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A,C	1113573	Footplate, Adjustable Angle, Large, Black (5-1/4" W x 8" L)	1	1
1	B,C	1113574	Footplate, Adjustable Angle, Extra Large, Black (6-1/4" W x 8" L)	1	1
2		1058517	Clamp, Footplate	1	1
3		1057855	Tube, Pivot and Slide, Straight, Steel, Black (9-7/8" L)	1	1
4		1048816	Screw, Nylon Adjustment (1/2-13 x 7/8")	1	1
5		1052102	Hinge, Footplate - Right	1	1
5		1052103	Hinge, Footplate - Left	1	1
6		1029545	Screw, Socket Flat Head (1/4-20 x 3/4")	1	2
7		1022831	Screw, Socket Button Head (1/4-20 x 1-7/8")	1	1
8		1025457	Spacer, Coved (1/4 x 3/4 x 11/32")	1	1
9		1026900	Washer (1/4 x 23/32 x 1/16")	1	1
10		1016301	Washer, Nylon (5/16 x 7/8 x 1/8")	1	1
11		1026907	Washer (1/4 x 1/2 x 1/16")	1	1
12		1082686	Nut, Barrel, Hex Head (1/4-20 x 11/16")	1	2
13		1025736	Locknut (1/4-20)	1	1
NOTE: A - PW93ST 16-17" wide B - PW93ST 18-20" wide and PW93, PHW93, and PW93E 16-20" wide C - This footplate was revised 9/2/2008 with rounder corners and accessory holes changed from 8 to 4. Recommended to replace footplate in pairs to match sides.					

Footrest and Legrest

Part Number	Description	Quantity per Package	Quantity per Assembly
1035902	Strap, Calf w/ Hook and Loop (31" L)	1	1
1026987 See Note(s) A	Guard, Impact (8" L)	1	2
NOTE: A - For 70 deg. Tapered Footrest.			

Heel Loops

Footplate Type	Heel Loop Single #	Heel Loop Pair #	Attaching Hardware Pair #
1651 Composite	1017621	1035917-NLA	1035931
1650 Standard Aluminum	1017621	1035917-NLA	1035907
1450 Deluxe Aluminum	1017621	1035917-NLA	1035907
1350 Extra Large Aluminum	1017621	1035917-NLA	1055241
AT5543 Adjustable Angle See Note(s) A	N/A	1160723	1035931
NOTE: A - Pair number 1160723 includes attaching hardware.			

Attaching Hardware Part Numbers

1035931	1055241	1035907
(2) Screw, Phillips, Pan Head (1/4-20 x 2-1/4") (2) Spacer (1/4 x 11/32 x 1-3/4") (2) Hex Nut w/ Nylon Cap (1/4-20) (2) Flat Washer (1/4 x 5/8 x 1/16")	(2) Screw, Phillips Pan Head (1/4-20 x 2-1/4") (2) Spacer (1/4 x 11/32 x 1-3/4") (2) Locknut (1/4-20)	(2) Screw, Phillips Pan Head (1/4-20 x 2-1/4") (2) Spacer (1/4 x 11/32 x 1-3/4") (2) Locknut (1/4-20)

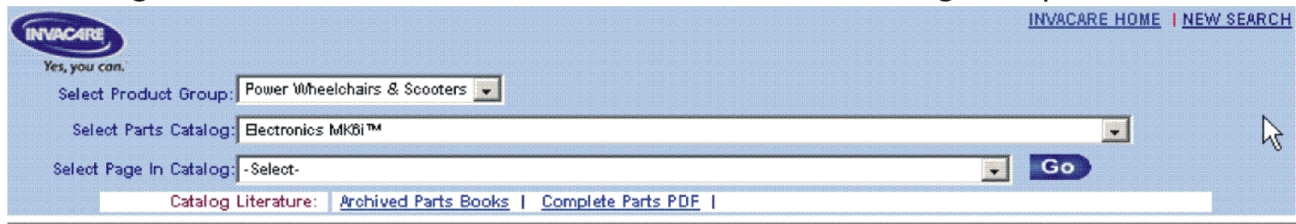
MK6i Electronics are contained in a separate catalog. See Catalog titled "Electronics MK6i" Form # 06-110.

If you are looking for **MK6i™ Electronics**
introduced to the Pronto® M71 with SureStep™
on or about 10/16/06

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.

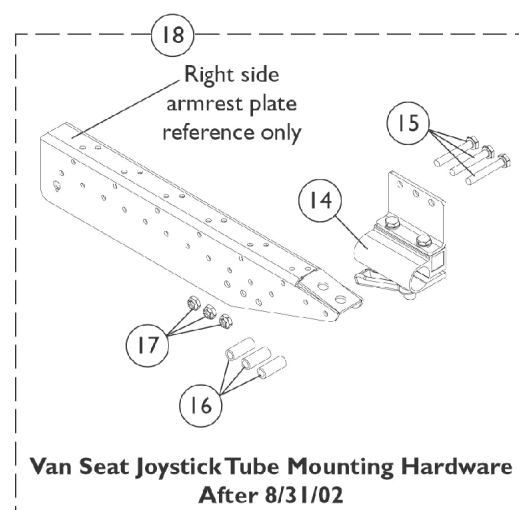
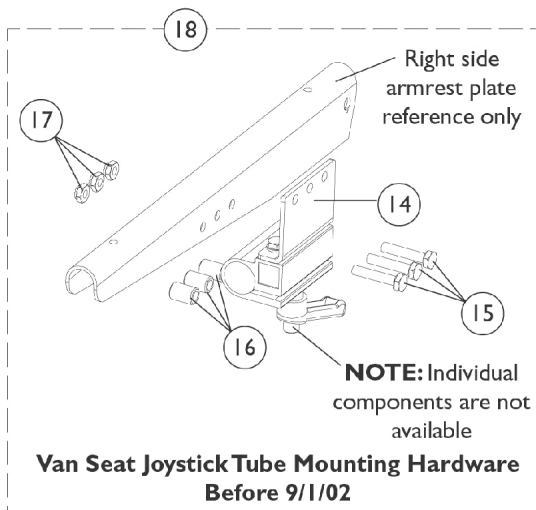
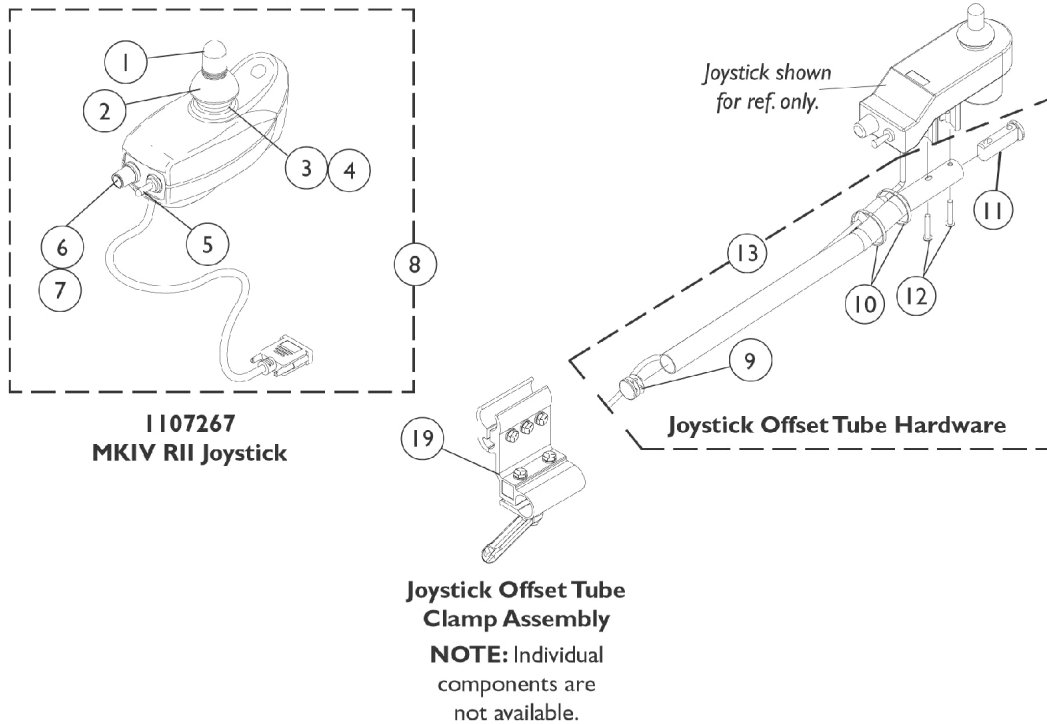
A screenshot of the Invacare website's search interface. The header features the Invacare logo with the tagline "Yes, you can." and navigation links for "INVACARE HOME" and "NEW SEARCH". The main search area contains three dropdown menus: "Select Product Group:" with "Power Wheelchairs & Scooters" selected, "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, there is a "Catalog Literature:" section with links to "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.

MKIV RII Joystick and Mounting Hardware

Before 6/27/03



MKIV RII Joystick and Mounting Hardware

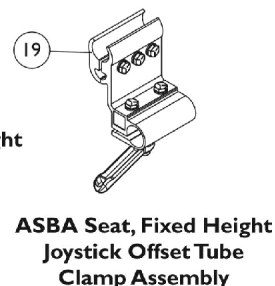
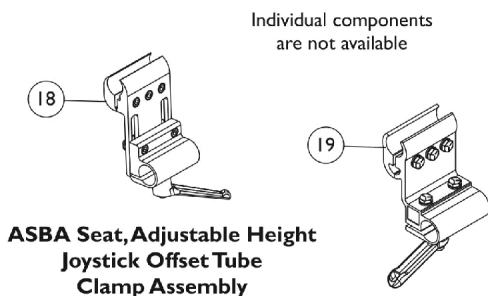
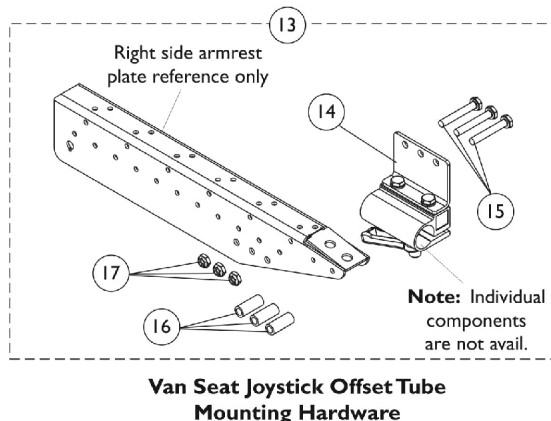
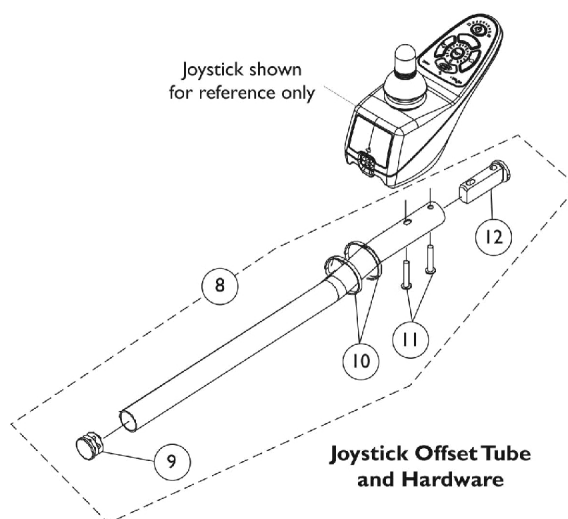
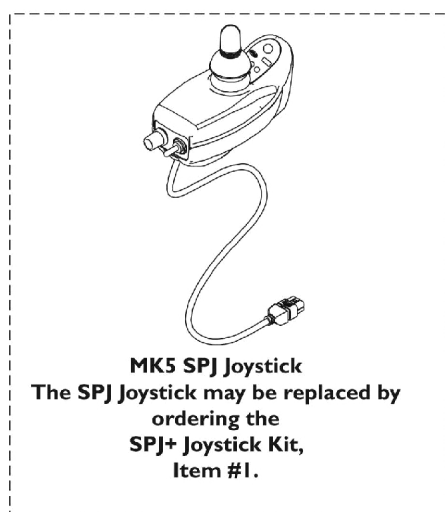
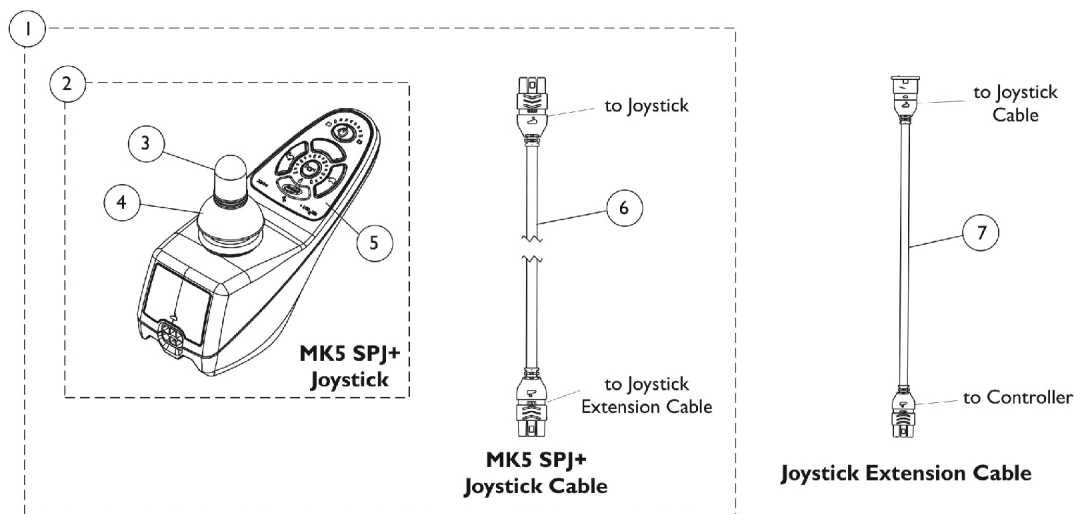
Before 6/27/03

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1040217	Knob, Joystick Rubber, Black	1	1
2		1040218	Skirt, Joystick Rubber, Black	1	1
3		1036764-NLA	NLA - Inductive, Joystick	1	1
4		50000X364-NLA	NLA - Boot, Joystick	1	1
5		1010042-NLA	NLA - Switch, Toggle SPDT	1	1
6		1040225-NLA	NLA - Potentiometer, Speed	1	1
7		1025516-NLA	NLA - Knob, Speed Control	1	1
8		1107267-NLA	NLA - Joystick, MKIV RII	1	1
9		1027095	Plug Button, Black (7/8")	1	1
10		1095502-NLA	NLA - Package, Tie Wrap (11-1/2" L)	10	2
11		1093063	Spacer, Joystick Tube, Black	1	1
12		1025714	Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	2
13	F,B	1093069	Kit, 1/2" Offset Joystick Tube with Hardware	1	1
13	B	1161733	Kit, 2" Offset Joystick Tube w/ Hardware	1	1
9			Plug Button, Black (7/8")	1	1
10			Tie Wrap (11-1/2" L)	1	2
11			Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	2
11			Screw, Phillips Pan Head (M5 x .8 x 30mm)	1	2
12			Spacer, Joystick Tube, Black	1	1
			Tube, Joystick Offset (2")	1	1
14	G	1105049	Clamp Assembly, Fixed Height, Captain/ Van Seat	1	1
15	D	1057955	Screw, Hex Head (1/4-20 x 1-1/4")	1	3
15	E	1037610	Screw, Hex Head (1/4-20 x 1-5/8")	1	3
16	D	1101524-NLA	NLA - Spacer (1/4 x 7/16 x 5/8")	1	3
16	E	1087219	Spacer (1/4 x 3/8 x 1")	1	3
17		1025195	Locknut (1/4-20)	1	3
18	C,D,G	1105050-NLA	NLA - Kit, Joystick Tube Mounting Hardware - Captain/ Van Seat	1	1
18	C,E,G	1115000	Kit, Joystick Tube Mounting Hardware - Captain Seat	1	1
19	F	1093071	Clamp, Fixed Height Joystick Tube	1	1
	A	1006270	Extension, Joystick, "T" Style (1560) (4" W x 5-1/2" L)	1	1
	A	1006271	Extension, Joystick, Straight Style (1561) (1/2" W x 5" L)	1	1

NOTE: A - Not Shown.
B - For Van seats, includes items 9 thru 12. Kit contains Standard (#10-32) and Metric (M5) screws. Customer selects the screw that applies to their application.
C - Includes items 14 thru 17.
D - Before 9/1/02.
E - After 8/31/02.
F - For A.S.B.A. seats.
G - Due to product improvement, the joystick mounting bracket with a separate adjustment lock were replaced with the clamp assembly shown as of 2/20/03 and is backward compatible.

MK5 SPJ (After 6/26/03) & SPJ+ (Introduced 8/16/05) Joystick and Mounting Hardware

The SPJ+ Joystick plus Cable Kit replaces the SPJ Joystick after 10/31/07.



MK5 SPJ (After 6/26/03) & SPJ+ (Introduced 8/16/05)

Joystick and Mounting Hardware

The SPJ+ Joystick plus Cable Kit replaces the SPJ Joystick after 10/31/07.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A,G	1153650	Kit, SPJ+ Joystick w/ Cable	1	1
2			Joystick, SPJ+	1	1
3			Knob, Joystick Rubber, Black	1	1
4			Skirt, Joystick Rubber, Black	1	1
5			NLA - Overlay, SPJ+ Joystick	1	1
6			Cable, Joystick SPJ+	1	1
2	H	1127291	Joystick, SPJ+	1	1
2		See Note-NLA	See Footnote	1	1
3		1040217	Knob, Joystick Rubber, Black	1	1
4		1040218	Skirt, Joystick Rubber, Black	1	1
5		1165094	Kit, Overlay, SPJ+ Joystick (MK5/MK6)	1	1
			NLA - Overlay, SPJ+ Joystick	1	1
	E		Instruction Sheet, MK5/MK6 Overlay	1	1
6		1127293	Cable, Joystick SPJ+	1	1
7		1116404	Cable, Joystick Extension	1	1
8		1161733	Kit, 2" Offset Joystick Tube w/ Hardware	1	1
9			Plug Button, Black (7/8")	1	1
			Tube, Joystick Offset (2")	1	1
10	B		Tie Wrap (11-1/2" L)	1	2
11			Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	2
11			Screw, Phillips Pan Head (M5 x .8 x 30mm)	1	2
12			Spacer, Joystick Tube, Black	1	1
8		1093069	Kit, 1/2" Offset Joystick Tube with Hardware	1	1
9		1027095	Plug Button, Black (7/8")	1	1
10	C	1095502-NLA	NLA - Package, Tie Wrap (11-1/2" L)	10	1
11		1025714	Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	2
12		1093063	Spacer, Joystick Tube, Black	1	1
13		1115000	Kit, Joystick Tube Mounting Hardware - Captain Seat	1	1
14		1105049	Clamp Assembly, Fixed Height, Captain/ Van Seat	1	1
15		1037610	Screw, Hex Head (1/4-20 x 1-5/8")	1	3
16	D	1087219	Spacer (1/4 x 3/8 x 1")	1	3
17		1025195	Locknut (1/4-20)	1	3
18		1139422	Clamp, Height Adjustable Joystick Tube (ARM250)	1	1
19		1093071	Clamp, Fixed Height Joystick Tube	1	1
		1006270	Extension, Joystick, "T" Style (1560) (4" W x 5-1/2" L)	1	1
		1006271	Extension, Joystick, Straight Style (1561) (1/2" W x 5" L)	1	1

MK5 SPJ (After 6/26/03) & SPJ+ (Introduced 8/16/05) Joystick and Mounting Hardware

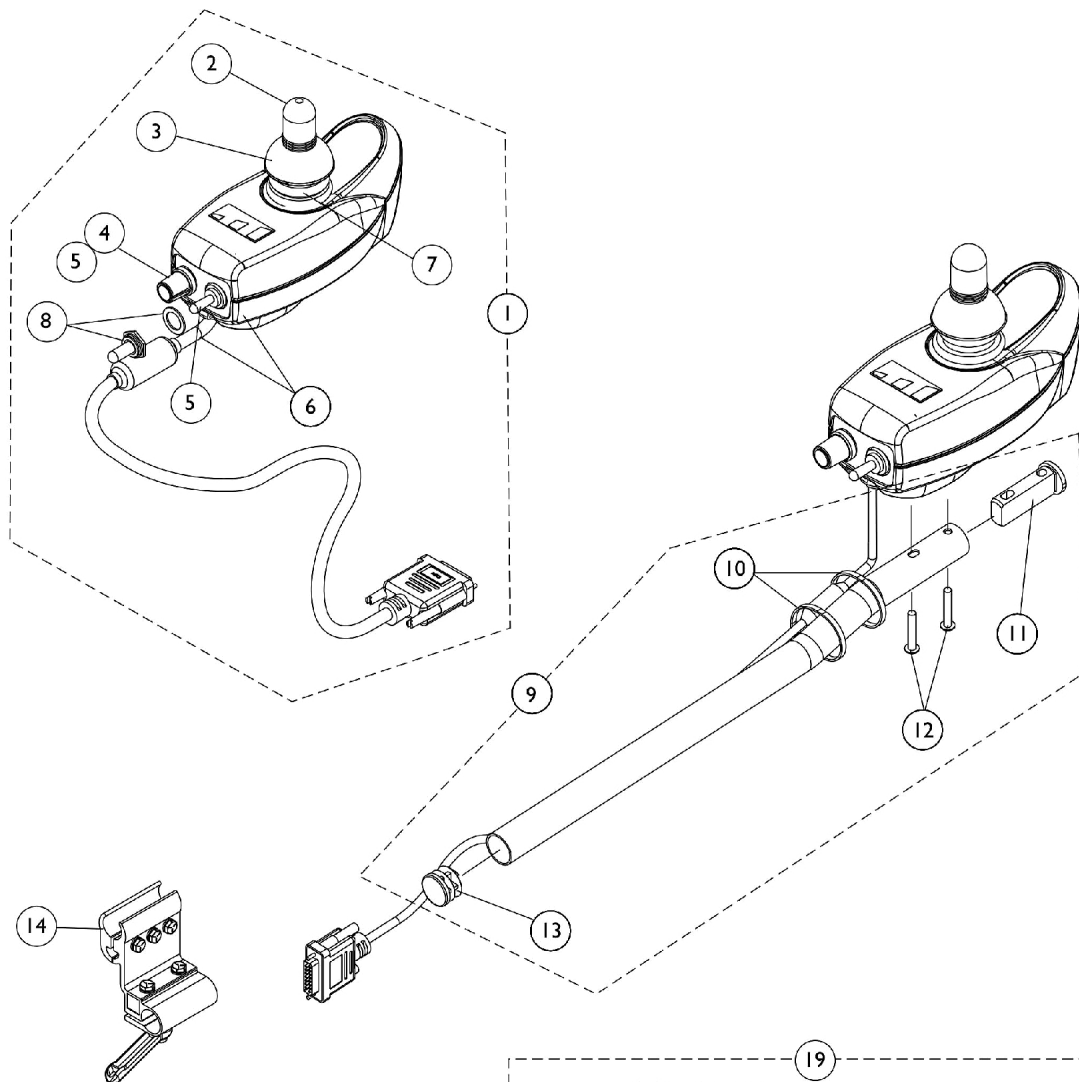
The SPJ+ Joystick plus Cable Kit replaces the SPJ Joystick after 10/31/07.

NOTE: A - Includes items 2 thru 6.
B - Used on A.S.B.A. seats. Includes Joystick Tube plus items 9 thru 12.
C - Includes items 14 thru 17.
D - Not Shown.
E - Used on Van Seats. Includes Joystick Tube and items 9 thru 12. Kit contains Standard (#10-32) and Metric (M5) screws. Customer selects the screw that applies to their application.
G - Before replacing your joystick, verify with Invacare Technical Service Phone Support first to see if only a Joystick Overlay Kit is needed
H - MK5 SPJ Joystick part number is no longer available as a service part. Use item #1 1153650 as the replacement.

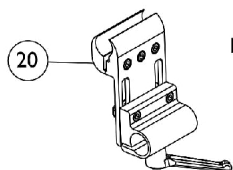
MK5 SPJ-80 Joystick and Mounting Hardware

Introduced 2/1/04

(Available only on chairs with PTO Seating System)

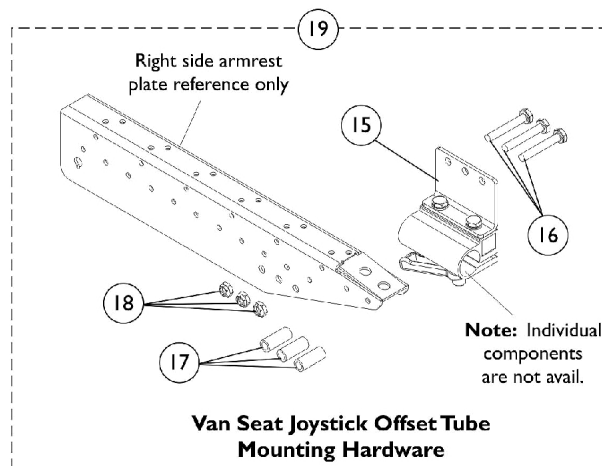


**ASBA Seat, Fixed Height
Joystick Offset Tube
Clamp Assembly**



**ASBA Seat, Adjustable Height
Joystick Offset Tube
Clamp Assembly**

Individual components
are not available



**Van Seat Joystick Offset Tube
Mounting Hardware**

Note: Individual
components
are not avail.

MK5 SPJ-80 Joystick and Mounting Hardware

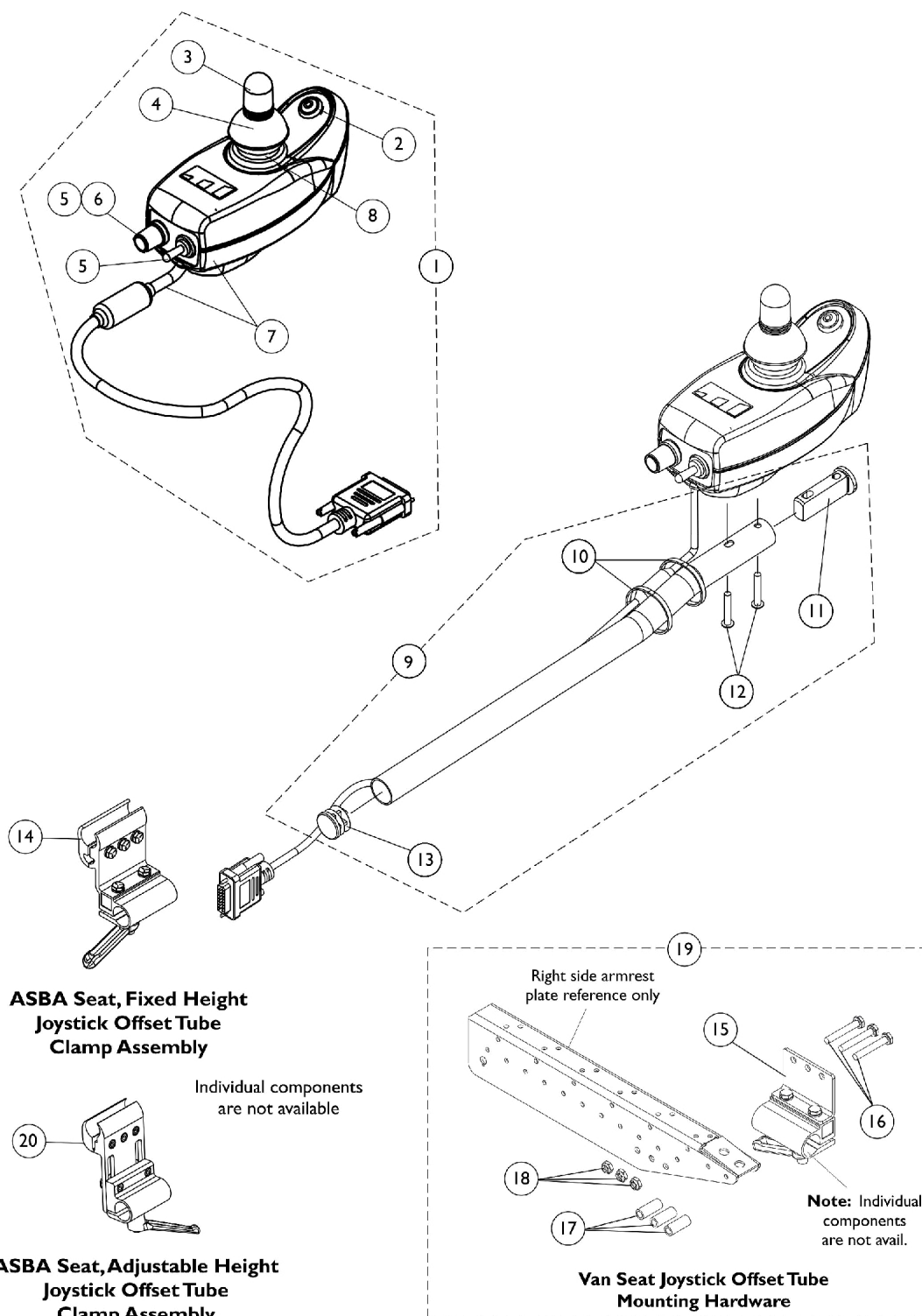
Introduced 2/1/04

(Available only on chairs with PTO Seating System)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1122190-NLA	NLA - Joystick, MK5 SPJ-80	1	1
1	A,F	1122190E-NLA	NLA - WARR RPLMT - Joystick, MK5 SPJ-80	1	1
2		1040217	Knob, Joystick Rubber, Black	1	1
3		1040218	Skirt, Joystick Rubber, Black	1	1
4		1025516-NLA	NLA - Knob, Speed Control	1	1
5		1122204-NLA	NLA - Switch Assembly, Power/ Speed Potentiometer, NOTE: Power and Speed Potentiometer Switches are assembled to one connector and sold as one assembly.	1	1
6		1119443-NLA	NLA - Bottom Housing w/ Cable Assembly, MK5 DPJ/ SPJ-80	1	1
7		1115235-NLA	NLA - Inductive, MK5 MPJ/ DPJ/ SPJ-80 Joystick	1	1
8		1058464-NLA	NLA - Boot, Switch	1	1
9	B	1093069	Kit, 1/2" Offset Joystick Tube with Hardware	1	1
10		1095502-NLA	NLA - Package, Tie Wrap (11-1/2" L)	10	2
11		1093063	Spacer, Joystick Tube, Black	1	1
12		1025714	Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	2
13		1027095	Plug Button, Black (7/8")	1	1
14		1093071	Clamp, Fixed Height Joystick Tube	1	1
15		1105049	Clamp Assembly, Fixed Height, Captain/ Van Seat	1	1
16		1037610	Screw, Hex Head (1/4-20 x 1-5/8")	1	3
17		1087219	Spacer (1/4 x 3/8 x 1")	1	3
18		1025195	Locknut (1/4-20)	1	3
19	C	1115000	Kit, Joystick Tube Mounting Hardware - Captain Seat	1	1
20	E	1139422	Clamp, Height Adjustable Joystick Tube (ARM250)	1	1
	D	1006270	Extension, Joystick, "T" Style (1560) (4" W x 5-1/2" L)	1	1
	D	1006271	Extension, Joystick, Straight Style (1561) (1/2" W x 5" L)	1	1
NOTE: A - Includes items 2-8 B - Includes items 10-13 C - Includes items 15-18 D - Not Shown E - Introduced as an option (ARM250) and can be used to replace a Fixed Height Joystick Clamp. F - Upgrade to MK6 is available. See category titled, "MK5 SPJ-80 Upgrade to MK6" within Electronics MK6i parts book.					

MK5 DPJ Joystick and Mounting Hardware

Introduced 2/1/04



MK5 DPJ Joystick and Mounting Hardware

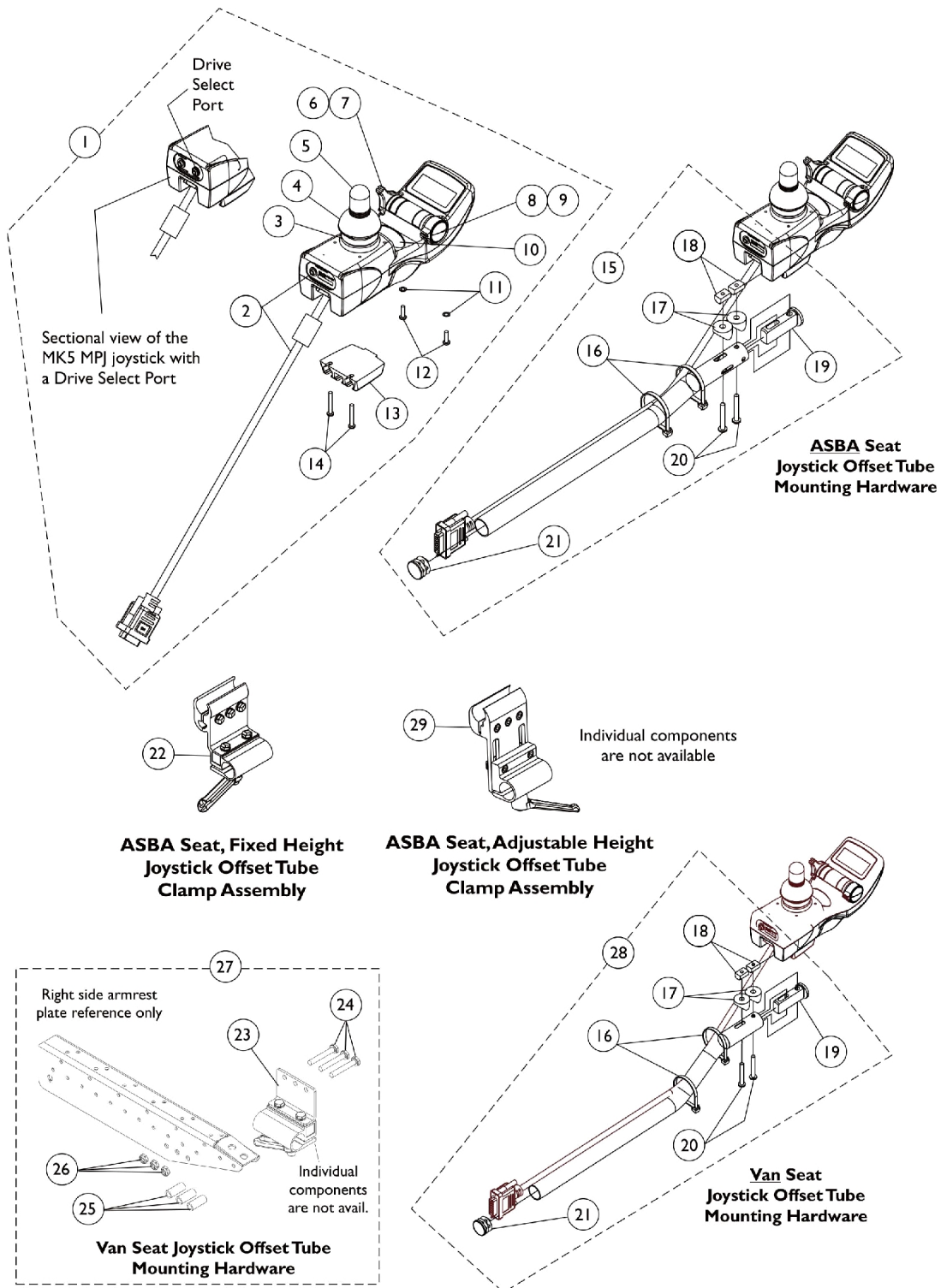
Introduced 2/1/04

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A,G D,H	1112980E-NLA 1165489-NLA	NLA - WARR RPLMT - Joystick, MK5 DPJ NLA - Kit, MK5 DPJ to MPJ Conversion NLA - Joystick, MK5 MPJ NLA - Joystick Offset Tube w/ Hardware, Black (1/2")	1 1 1 1	1 1 1 1
2	F	1119441-NLA	NLA - Switch Assembly, Mode	1	1
3		1040217	Knob, Joystick Rubber, Black	1	1
4		1040218	Skirt, Joystick Rubber, Black	1	1
5		1025516-NLA	NLA - Knob, Speed Control	1	1
6		1119440-NLA	NLA - Switch Assembly, Power/ Drive Select/Speed Potentiometer NOTE:Power/Drive Select and Speed Potentiometer switches are assembled to one connector and sold as one assembly	1	1
7		1119443-NLA	NLA - Bottom Housing w/ Cable Assembly, MK5 DPJ/ SPJ-80	1	1
8		1115235-NLA	NLA - Inductive, MK5 MPJ/ DPJ/ SPJ-80 Joystick	1	1
9	B	1093069	Kit, 1/2" Offset Joystick Tube with Hardware	1	1
10		1095502-NLA	NLA - Package, Tie Wrap (11-1/2" L)	10	2
11		1093063	Spacer, Joystick Tube, Black	1	1
12		1025714	Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	2
13		1027095	Plug Button, Black (7/8")	1	1
14		1093071	Clamp, Fixed Height Joystick Tube	1	1
15		1105049	Clamp Assembly, Fixed Height, Captain/ Van Seat	1	1
16		1037610	Screw, Hex Head (1/4-20 x 1-5/8")	1	3
17		1087219	Spacer (1/4 x 3/8 x 1")	1	3
18		1025195	Locknut (1/4-20)	1	3
19	C	1115000	Kit, Joystick Tube Mounting Hardware - Captain Seat	1	1
20	E	1139422	Clamp, Height Adjustable Joystick Tube (ARM250)	1	1
	D	1006270	Extension, Joystick, "T" Style (1560) (4" W x 5-1/2" L)	1	1
	D	1006271	Extension, Joystick, Straight Style (1561) (1/2" W x 5" L)	1	1

NOTE: A - Includes items 2-8. Does not include mounting hardware.
B - Includes items 10-13.
C - Includes items 15-18.
D - Not Shown.
E - Introduced as an option (ARM250) and can be used to replace a Fixed Height Joystick Clamp.
F - Mode switch is no longer available for aftermarket sales. Please contact Invacare Customer Service to obtain a return authorization number for repair/estimate for repair.
G - No longer available. Replaced with 1165489.
H - Kit is No Longer Available. You must now order the MK5 MPJ Joystick separately from the Mounting Hardware. Choose either the Joystick Tube w/ Hardware or the Quad Link w/ Hardware. See Category titled, "Electronics - MK5 MPJ Joystick & Mounting Hardware".

MK5 MPJ Joystick and Mounting Hardware

Introduced 2/1/04



MK5 MPJ Joystick and Mounting Hardware

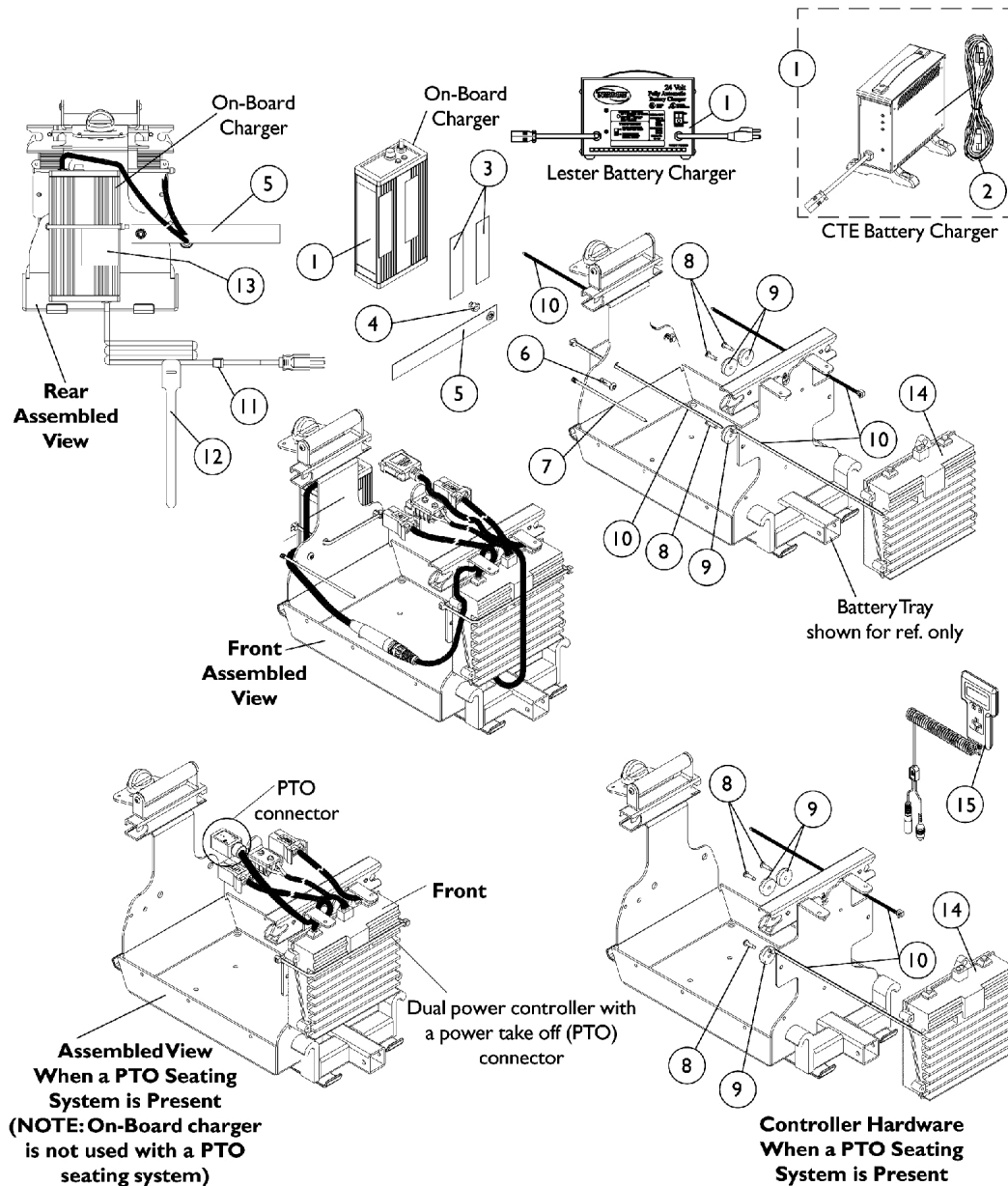
Introduced 2/1/04

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1115740-NLA	NLA - Joystick, MK5 MPJ	1	1
1	A	1115740E-NLA	NLA - WARR RPLMT - Joystick, MK5 MPJ	1	1
1	A	1122214-NLA	NLA - Joystick, MK5 MPJ with Drive Select Port	1	1
2		1117038-NLA	NLA - Joystick Bottom and Cable Assembly, MK5 MPJ	1	1
3		1115235-NLA	NLA - Inductive, MK5 MPJ/ DPJ/ SPJ-80 Joystick	1	1
4		1040218	Skirt, Joystick Rubber, Black	1	1
5		1040217	Knob, Joystick Rubber, Black	1	1
6		1115237-NLA	NLA - Switch Assembly, Power/ Drive Select MK5 MPJ	1	1
7		1115214-NLA	NLA - Knob, Power/Drive Select - MK5/MK6i MPJ	1	1
8		1115239-NLA	NLA - Potentiometer Assembly, Speed MK5 MPJ	1	1
9		1115233-NLA	NLA - Knob, Speed Potentiometer - MK5 MPJ	1	1
9		1139998-NLA	NLA - Knob, Speed Adjustment, Black - MK6i	1	1
10		1095497	Decal, Invacare Logo (1.6)	1	1
11		1008834-NLA	NLA - Lockwasher, Internal Tooth (#6)	1	2
12		1115242-NLA	NLA - Screw, Torx Thread Forming (#6-32 x 1/2")	1	2
13		1115503-NLA	NLA - Bracket, T-Nut Mounting	1	1
14		1115244	Screw, Torx Thread Forming (#6-32 x 1")	1	2
15	B	1115860-NLA	NLA - Joystick Offset Tube w/ Hardware, Black (1/2")	1	1
16		1095502-NLA	NLA - Package, Tie Wrap (11-1/2" L)	10	2
17		40157X019-NLA	NLA - Spacer, Coved (1/4 x 7/8 x 7/16")	1	2
18		1117216-NLA	NLA - T-Nut (#10-32)	1	2
19		1093063	Spacer, Joystick Tube, Black	1	1
20		1026107	Screw, Phillips Pan Head (#10-32 x 1-3/8")	1	2
21		1027095	Plug Button, Black (7/8")	1	1
22		1093071	Clamp, Fixed Height Joystick Tube	1	1
23		1105049	Clamp Assembly, Fixed Height, Captain/ Van Seat	1	1
24		1037610	Screw, Hex Head (1/4-20 x 1-5/8")	1	3
25		1087219	Spacer (1/4 x 3/8 x 1")	1	3
26		1025195	Locknut (1/4-20)	1	3
27	C	1115000	Kit, Joystick Tube Mounting Hardware - Captain Seat	1	1
28	B	1123922-NLA	NLA Joystick Offset Tube w/ Hardware, Black (2")	1	1
29	E	1139422	Clamp, Height Adjustable Joystick Tube (ARM250)	1	1
	D	1006270	Extension, Joystick, "T" Style (1560) (4" W x 5-1/2" L)	1	1
	D	1006271	Extension, Joystick, Straight Style (1561) (1/2" W x 5" L)	1	1
NOTE: A - Includes items 2-14. B - Includes Joystick Tube plus items 16-21. C - Includes items 23-26. D - Not Shown. E - Introduced as an option (ARM250) and can be used to replace a Fixed Height Joystick Clamp.					

MKIV Controller, Programmer and Battery Charger

(Before 6/27/03)

NOTE: When a Customer's chair has a MKIVA Quad Pulse controller containing a 2 pin black power connector instead of a 3 pin blue connector, the service part replacement must be ordered as a "special" order. The MKIVA Quad Pulse controller for the ProntoM71 can only be originally ordered as an ON-CHAIR "special order" only.



MKIV Controller, Programmer and Battery Charger

(Before 6/27/03)

NOTE: When a Customer's chair has a MKIVA Quad Pulse controller containing a 2 pin black power connector instead of a 3 pin blue connector, the service part replacement must be ordered as a "special" order. The MKIVA Quad Pulse controller for the ProntoM71 can only be originally ordered as an ON-CHAIR "special order" only.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	G	1106483	Battery Charger, 3 Amp, 115vac, On Board, Dual Mode, Round Plug	1	1
1	H,L	1053161-NLA	NLA - Charger, Battery, 8 Amp, 115vac, Off Board Dual Mode Round Plug, Lester	1	1
1	I	1123249	Charger, Battery, 8 Amp. 115vac (Off Board) Single Mode Round Plug w/ AC Power Line Cord	1	1
1	I	1123249E-NLA	NLA - WARR RPLMT - Charger, Battery, 8 Amp, 115VAC (Off Board) Single Mode Round Plug w/ AC Power Line Cord	1	1
2		1089627-NLA	NLA - Cord, AC Power, 115VAC, 2 Prong Off-Board (11' 6" L)	1	1
2	K	1121086	Cord, AC Power, 115VAC, 3 Prong On-Board (6' 6-1/2" L)	1	1
3		1095507-NLA	NLA - Fastener, Hook and Loop Adhesive (2" W x 12" L)	1	1
4		1044214	Nut, Hex with Nylon Cap (1/4-20)	1	1
5	A	1112746-NLA	NLA - Strap, Cable	1	1
6		1007269	Screw, Socket Button Head (1/4-20 x 5/8")	1	1
7		1095503-NLA	NLA - Package, Tie Wrap (5-5/8" L)	10	1
8		1109470-NLA	NLA - Screw, Phillips Pan Head Tap (#8-32 x 5/8")	1	3
9		1109471-NLA	NLA - Bumper with Washer	1	3
10		1095502-NLA	NLA - Package, Tie Wrap (11-1/2" L)	10	4
11		1112747-NLA	NLA - Bushing, Relief Strain	1	1
12		1112745-NLA	NLA - Tie Wrap, Hook and Loop (8" L)	1	1
13	E	1086270-NLA	NLA - Hook Fastener with Adhesive Back (2" W x 9-1/2" L)	1	1
14	J	1106820-NLA	NLA - Controller, MKIV RII	1	1
14		1106820E-NLA	NLA - WARR RPLMT - Controller, MKIV RII	1	1
14	F	1095262-NLA	NLA - Controller, MKIV RII, Dual Power	1	1
15		1109091-NLA	NLA - Programmer, Remote	1	1
	B,C	1064404-NLA	NLA - Virtual Service Modem Kit	1	1
	B,D	1091631-NLA	NLA - Virtual Service Software Kit	1	1
	B,C	1103051-NLA	NLA - MKIV One 2 One Software Kit	1	1
	B	1095204-NLA	NLA - Cable, Virtual Service, Charger/Modem	1	1
	B	1091980-NLA	NLA - Disk, 3.5 H.D. Floppy with V.S. Software	1	1
	B	1091637-NLA	NLA - Adaptor, Null Modem	1	1
	B	1091636-NLA	NLA - Service Manual - V.S. Software Kit	1	1

MKIV Controller, Programmer and Battery Charger

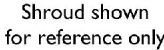
(Before 6/27/03)

NOTE: When a Customer's chair has a MKIVA Quad Pulse controller containing a 2 pin black power connector instead of a 3 pin blue connector, the service part replacement must be ordered as a "special" order. The MKIVA Quad Pulse controller for the ProntoM71 can only be originally ordered as an ON-CHAIR "special order" only.

NOTE: A - When item 5 cable strap is ordered for chairs manufactured before 5/16/02 items 11, 12 and 13 are required as well.
B - Not Shown
C - Part number 1095204 is available for individual sale.
D - Part numbers 1095204, 1091980, 1091637, and 1091636 are available for individual sale.
E - Cut to length of a 2" square.
F - Dual power MKIV RII controller used when a Power Tilt Only (PTO) seating system is present
G - The 3 Amp. On-Board charger is not used when a Power Tilt Only (PTO) seating system is present
H - The 8 Amp. Lester charger was standard on-chair when a Power Tilt Only (PTO) seating system is ordered
I - CTE charger introduced 4/1/04. Used on Gel Cell or AGM (Absorbed Glass Mat) batteries. Serial number starts with 04A00000001. For wet cell batteries refer to the Lester 8 Amp. charger.
J - Part # No Longer Available. See part #1106820E as a replacement.
K - No longer available as a service part. Please use 1121086 as its replacement.
L - Use Battery Charger part number 1123249 as a replacement.

After 6/26/03

MKIV Electronics for these chairs.



MK5 Controllers, Cables, Programmer, and Battery Charger After 6/26/03

NOTE: MK5 Electronics were not available on chairs with a PTO Seating System built Before 2/1/04. See MKIV Electronics for these chairs.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1095507-NLA	NLA - Fastener, Hook and Loop Adhesive (2" W x 12" L)	1	2
2		1070587	Washer, Flat (3/16 x 5/8 x 1/16")	1	2
3		1117240	Screw, Thumb (#10-32 x 1/2")	1	2
4		98007X005	Tie Wrap (11-1/2" L)	1	3
5		P0870X000	Nut, Hex Keps (#4-40)	1	2
6	C	1118923	Charger, Battery with Power Cord 3 Amp, On-Board	1	1
6	C	1118923E-NLA	NLA - WARR RPLMT - Charger, Battery w/ Power Cord 3 Amp, On-Board	1	1
6	G	1122285-NLA	NLA - Charger, Battery with Power Cord 3 Amp, On-Board	1	1
7		1021742	Screw, Phillips Pan Head (#4-40 x 1/2")	1	2
8	A,C	1119581	Charger, Battery with Hardware, 3 Amp, On Board	1	1
8	A,G	1122286-NLA	NLA - Kit, Battery Charger with Hardware - 3 Amp. (On-Board)	1	1
9		1121086	Cord, AC Power, 115VAC, 3 Prong On-Board (6' 6-1/2" L)	1	1
10		1109091-NLA	NLA - Programmer, Remote	1	1
11	D,I	1053161-NLA	NLA - Charger, Battery, 8 Amp, 115vac, Off Board Dual Mode Round Plug, Lester	1	1
11	E,E1	1123249	Charger, Battery, 8 Amp. 115vac (Off Board) Single Mode Round Plug w/ AC Power Line Cord	1	1
11	E,E1	1123249E-NLA	NLA - WARR RPLMT - Charger, Battery, 8 Amp, 115VAC (Off Board) Single Mode Round Plug w/ AC Power Line Cord	1	1
12	H	1089627-NLA	NLA - Cord, AC Power, 115VAC, 2 Prong Off-Board (11' 6" L)	1	1
12		1121086	Cord, AC Power, 115VAC, 3 Prong On-Board (6' 6-1/2" L)	1	1
13		1113439-NLA	NLA - Screw, Phillips Pan Head Tap (#10-32 x 1")	1	2
14		1109471-NLA	NLA - Bumper with Washer	1	2
15		1109530	Controller, MK5 NX	1	1
15		1109530E-NLA	NLA - WARR RPLMT - Controller, MK5 NX	1	1
15	B	1122191-NLA	NLA - Controller, MK5 NX-80	1	1
15		1115750-NLA	NLA - Controller, MK5 EX	1	1
16	F	1127429-NLA	NLA - Cable, Splitter Auxiliary Power	1	1
17		1090117-NLA	NLA - Fuse - Buss Mini ATM-15 (15 AMP)	1	1

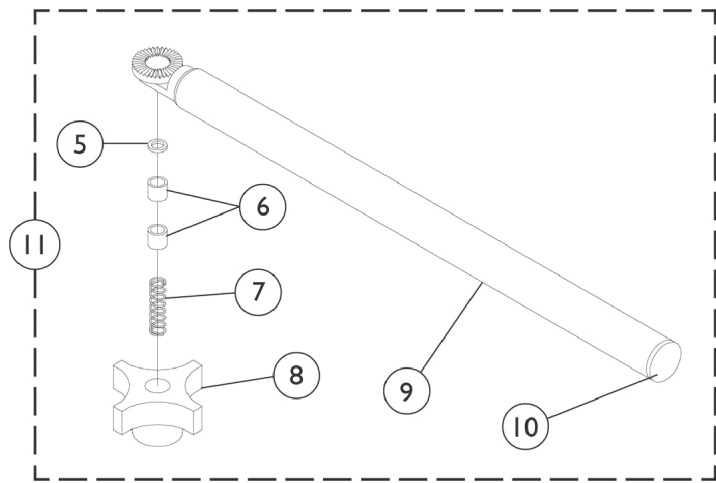
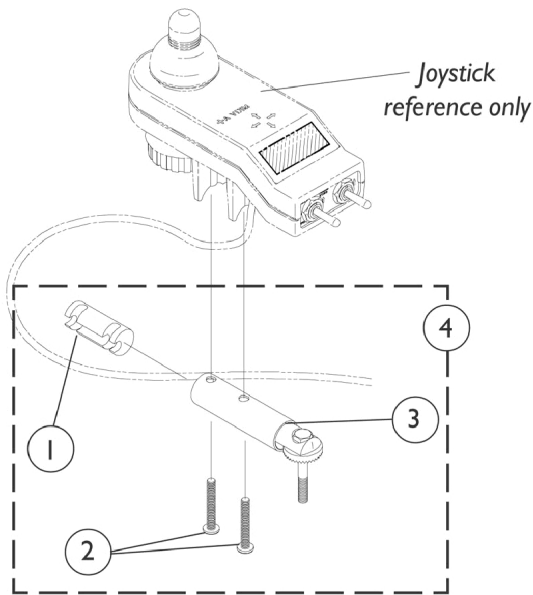
MK5 Controllers, Cables, Programmer, and Battery Charger

After 6/26/03

NOTE: MK5 Electronics were not available on chairs with a PTO Seating System built Before 2/1/04. See MKIV Electronics for these chairs.

NOTE: A - Includes items 1-7
B - Only available on chairs with PTO Seating System
C - Used on chairs without Power Tilt Only (PTO) seating system.
D - The 8 Amp. Lester charger was standard on-chair before 4/1/04, the CTE charger from 4/1/04 thru 7/14/04, on Power Tilt Only (PTO) seating system chairs.
E - CTE charger introduced on-chair as an optional choice 4/1/04 and standard on-chair from 4/1/04 thru 7/14/04 when a Power Tilt Only (PTO) seating system is present
E1 - Used on Gel Cell or AGM (Absorbed Glass Mat) batteries. Serial number starts with 04A00000001. For wet cell batteries refer to the Lester 8 Amp. charger.
F - Used only when PTO Plus is present. Item 17 (fuse) is included.
G - Used on PTO Plus models. On-board charger is standard on chairs with Power Tilt Only (PTO Plus) seating system.
H - No longer available as a service part. Please use 1121086 as its replacement.
I - Use Battery Charger part number 1123249 as a replacement.

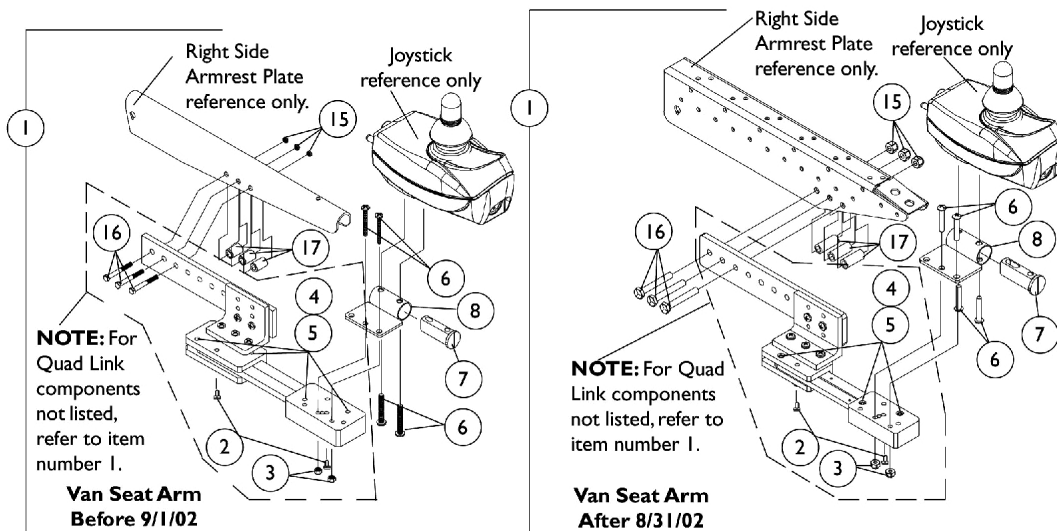
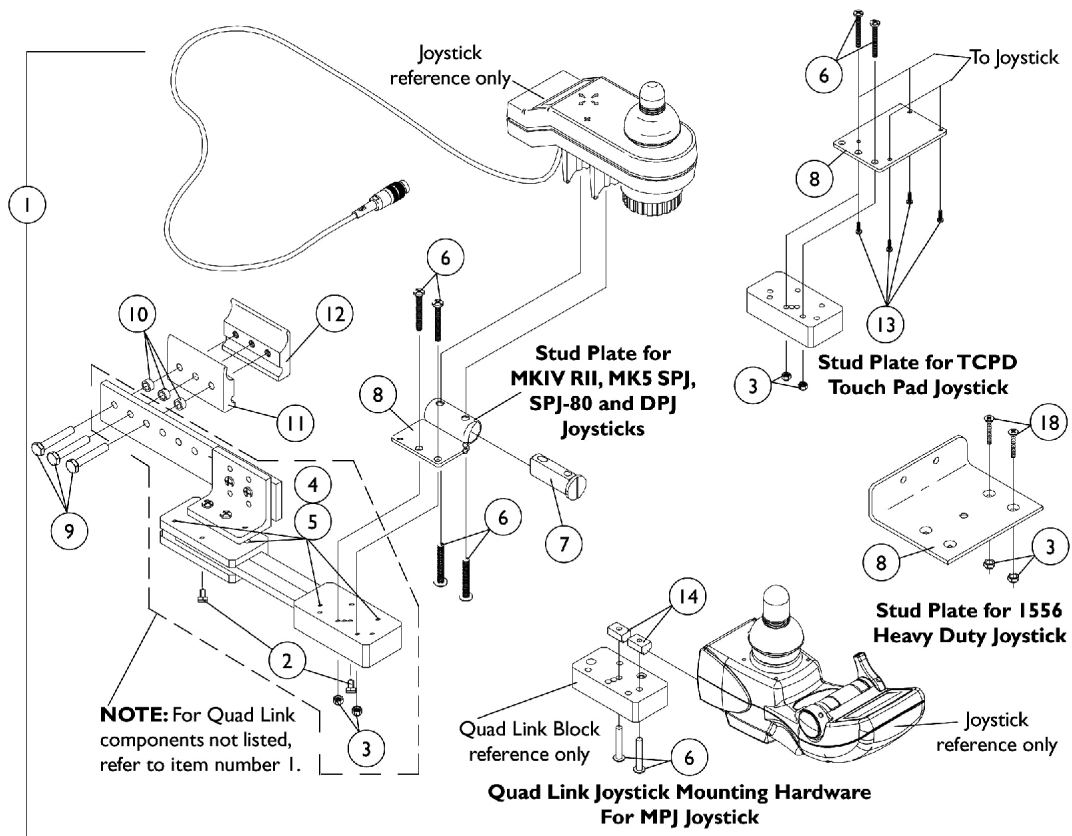
Swivel Joystick Hardware



Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1093063	Spacer, Joystick Tube, Black	1	1
2		1025714	Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	3
3		1049962-NLA	NLA - Bracket, Swivel Joystick, MKIV	1	1
4		1049963-NLA	NLA - Bracket, Swivel Joystick with Hardware	1	1
5		1020551-NLA	NLA - Washer, Flat (1/4 x 3/8 x 1/16")	1	1
6		1005844-NLA	NLA - Bushing	1	2
7		1002511-NLA	NLA - Spring, Hitch Bracket	1	1
8		1023670-NLA	NLA - Knob, Clamping, Grey	1	1
9		1035990-NLA	NLA - Tube, Swivel Joystick, Black	1	1
10		1027095	Plug Button, Black (7/8")	1	1
11		1035986-NLA	NLA - Joystick Swivel Tube with Hardware, Black	1	1

Quad Link Assembly

Before 4/07/06



Quad Link Assembly

Before 4/07/06

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1052402-NLA	NLA - Kit, Quad Link Assembly - Right	1	1
2			NLA - Ball Plunger Assembly with Lock Washer	2	1
3			Locknut (#10-32)	1	2
4			NLA - Screw, Cap, Socket Head (#10-32 x 1/2")	1	4
5			NLA - Bushing, Bronze (3/16 x 1/4 x 1/4")	1	4
6			Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	4
7			Spacer, Joystick Tube, Black	1	1
8			NLA - Stud Plate, Quad Link	1	1
9			Screw, Hex Head (1/4-20 x 1-1/2")	1	3
10			NLA - Spacer (1/4 x 3/8 x 3/16")	1	3
11	A	1115372-NLA	Half Clamp, Non-Threaded Holes	1	1
12			NLA - Half Clamp, Threaded Holes	1	1
1			NLA - Kit, Quad Link Assembly - Left	1	1
2			NLA - Ball Plunger Assembly with Lock Washer	2	1
3			Locknut (#10-32)	1	2
4			NLA - Screw, Cap, Socket Head (#10-32 x 1/2")	1	4
5			NLA - Bushing, Bronze (3/16 x 1/4 x 1/4")	1	4
6			Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	4
7			Spacer, Joystick Tube, Black	1	1
8			NLA - Stud Plate, Quad Link	1	1
9			Screw, Hex Head (1/4-20 x 1-1/2")	1	3
10			NLA - Spacer (1/4 x 3/8 x 3/16")	1	3
11	B	1102027-NLA	Half Clamp, Non-Threaded Holes	1	1
12			NLA - Half Clamp, Threaded Holes	1	1
1			NLA - Kit, Quad Link Assembly - Right For TCHJOY/TCPDM4 Touchpad	1	1
2			NLA - Ball Plunger Assembly with Lock Washer	2	1
3			Locknut (#10-32)	1	2
4			NLA - Screw, Cap, Socket Head (#10-32 x 1/2")	1	4
5			NLA - Bushing, Bronze (3/16 x 1/4 x 1/4")	1	4
6			Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	2
8			NLA - Plate, Stud, Quad Link MKIV TCHJOY/TCPDM4	1	1
9			Screw, Hex Head (1/4-20 x 1-1/2")	1	3
10			NLA - Spacer (1/4 x 3/8 x 3/16")	1	3
11	C,G	1034703-NLA	Half Clamp, Non-Threaded Holes	1	1
12			NLA - Half Clamp, Threaded Holes	1	1
13			NLA - Screw, Phillips Flat Head Countersunk (#4-40 x 3/8")	1	4
1			NLA - Kit, Quad Link Assembly - Right	1	1
2			NLA - Ball Plunger Assembly with Lock Washer	2	1
3			Locknut (#10-32)	1	2
4			NLA - Screw, Cap, Socket Head (#10-32 x 1/2")	1	4
5			NLA - Bushing, Bronze (3/16 x 1/4 x 1/4")	1	4

Quad Link Assembly

Before 4/07/06

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
8			Plate, Stud, Quad Link For 1556 Heavy Duty Joystick	1	1
9			Screw, Hex Head (1/4-20 x 1-1/2")	1	3
10			NLA - Spacer (1/4 x 3/8 x 3/16")	1	3
11			Half Clamp, Non-Threaded Holes	1	1
12			NLA - Half Clamp, Threaded Holes	1	1
18			Screw, Phillips Flat Head (#10-32 x 1-1/8")	1	2
1	C	1114866-NLA	NLA - Kit, Quad Link Assembly - Left	1	1
2			NLA - Ball Plunger Assembly with Lock Washer	2	1
3			Locknut (#10-32)	1	2
4			NLA - Screw, Cap, Socket Head (#10-32 x 1/2")	1	4
5			NLA - Bushing, Bronze (3/16 x 1/4 x 1/4")	1	4
8			Plate, Stud, Quad Link For 1556 Heavy Duty Joystick	1	1
9			Screw, Hex Head (1/4-20 x 1-1/2")	1	3
10			NLA - Spacer (1/4 x 3/8 x 3/16")	1	3
11			Half Clamp, Non-Threaded Holes	1	1
12			NLA - Half Clamp, Threaded Holes	1	1
18			Screw, Phillips Flat Head (#10-32 x 1-1/8")	1	2
1	D	1117278-NLA	NLA - Kit, Quad Link Assembly - Right	1	1
2			NLA - Ball Plunger Assembly with Lock Washer	2	1
3			Locknut (#10-32)	1	2
4			NLA - Screw, Cap, Socket Head (#10-32 x 1/2")	1	4
5			NLA - Bushing, Bronze (3/16 x 1/4 x 1/4")	1	4
6			Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	2
9			Screw, Hex Head (1/4-20 x 1-1/2")	1	3
10			NLA - Spacer (1/4 x 3/8 x 3/16")	1	3
11			Half Clamp, Non-Threaded Holes	1	1
12			NLA - Half Clamp, Threaded Holes	1	1
14			NLA - T-Nut (#10-32)	1	2
1	D	1117239-NLA	NLA - Kit, Quad Link Assembly - Left	1	1
2			NLA - Ball Plunger Assembly with Lock Washer	2	1
3			Locknut (#10-32)	1	2
4			NLA - Screw, Cap, Socket Head (#10-32 x 1/2")	1	4
5			NLA - Bushing, Bronze (3/16 x 1/4 x 1/4")	1	4
6			Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	2
9			Screw, Hex Head (1/4-20 x 1-1/2")	1	3
10			NLA - Spacer (1/4 x 3/8 x 3/16")	1	3
11			Half Clamp, Non-Threaded Holes	1	1
12			NLA - Half Clamp, Threaded Holes	1	1
14			NLA - T-Nut (#10-32)	1	2
1	E	1074153-NLA	NLA - Kit, Quad Link Assembly - Right For Van Seats	1	1
2			NLA - Ball Plunger Assembly with Lock Washer	2	1

Quad Link Assembly

Before 4/07/06

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
3			Locknut (#10-32)	1	2
4			NLA - Screw, Cap, Socket Head (#10-32 x 1/2")	1	4
5			NLA - Bushing, Bronze (3/16 x 1/4 x 1/4")	1	4
6			Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	4
7			Spacer, Joystick Tube, Black	1	1
8			NLA - Stud Plate, Quad Link	1	1
15			Locknut (1/4-20)	1	3
16			Screw, Hex Head (1/4-20 x 1-1/2")	1	3
17			NLA - Spacer (1/4 x 7/16 x 5/8")	1	3
1	F	1119215-NLA	NLA - Kit, Quad Link Assembly - Right For Van Seats	1	1
2			NLA - Ball Plunger Assembly with Lock Washer	2	1
3			Locknut (#10-32)	1	2
4			NLA - Screw, Cap, Socket Head (#10-32 x 1/2")	1	4
5			NLA - Bushing, Bronze (3/16 x 1/4 x 1/4")	1	4
6			Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	4
7			Spacer, Joystick Tube, Black	1	1
8			NLA - Stud Plate, Quad Link	1	1
15			Locknut (1/4-20)	1	3
16			NLA - Screw, Hex Head (1/4-20 x 1-3/4")	1	3
17			Spacer (1/4 x 3/8 x 1")	1	3
1	F	1119216-NLA	NLA - Kit, Quad Link Assembly - Left For Van Seats	1	1
2			NLA - Ball Plunger Assembly with Lock Washer	2	1
3			Locknut (#10-32)	1	2
4			NLA - Screw, Cap, Socket Head (#10-32 x 1/2")	1	4
5			NLA - Bushing, Bronze (3/16 x 1/4 x 1/4")	1	4
6			Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	4
7			Spacer, Joystick Tube, Black	1	1
8			NLA - Stud Plate, Quad Link	1	1
15			Locknut (1/4-20)	1	3
16			NLA - Screw, Hex Head (1/4-20 x 1-3/4")	1	3
17			Spacer (1/4 x 3/8 x 1")	1	3

NOTE: A - Includes the Quad Link, items 2-12 and used with MKIV RII; MK5 SPJ, SPJ-80, and DPJ joysticks for A.S.B.A. seats
 B - Includes the Quad Link, items 2-5, 8-13 and used with TCPD joystick for A.S.B.A. seats. For left side mounted Quad Link, order as a special
 C - Includes the Quad Link, items 2-5, 8-12, 18 and used with a 1556 Heavy Duty joystick for A.S.B.A. seats
 D - Includes the Quad Link, items 2-6, 9-12, 14 and used with a MK5 MPJ joystick for A.S.B.A. seats
 E - Includes the Quad Link, items 2-8, 15-17 and used with a MKIV RII joystick for Van Seats before 9/1/02. For left side mounted Quad Link, order as a special
 F - Includes the Quad Link, items 2-8, 15-17 and used with MKIV RII; MK5 SPJ, SPJ-80 and DPJ joysticks for Van Seats after 8/31/02
 G - Quad Link Assembly is no longer available. Please see Quad Link Assembly (After 4/06/06) category and use new Quad Link design as a replacement.

Quad Link Assembly (QL)

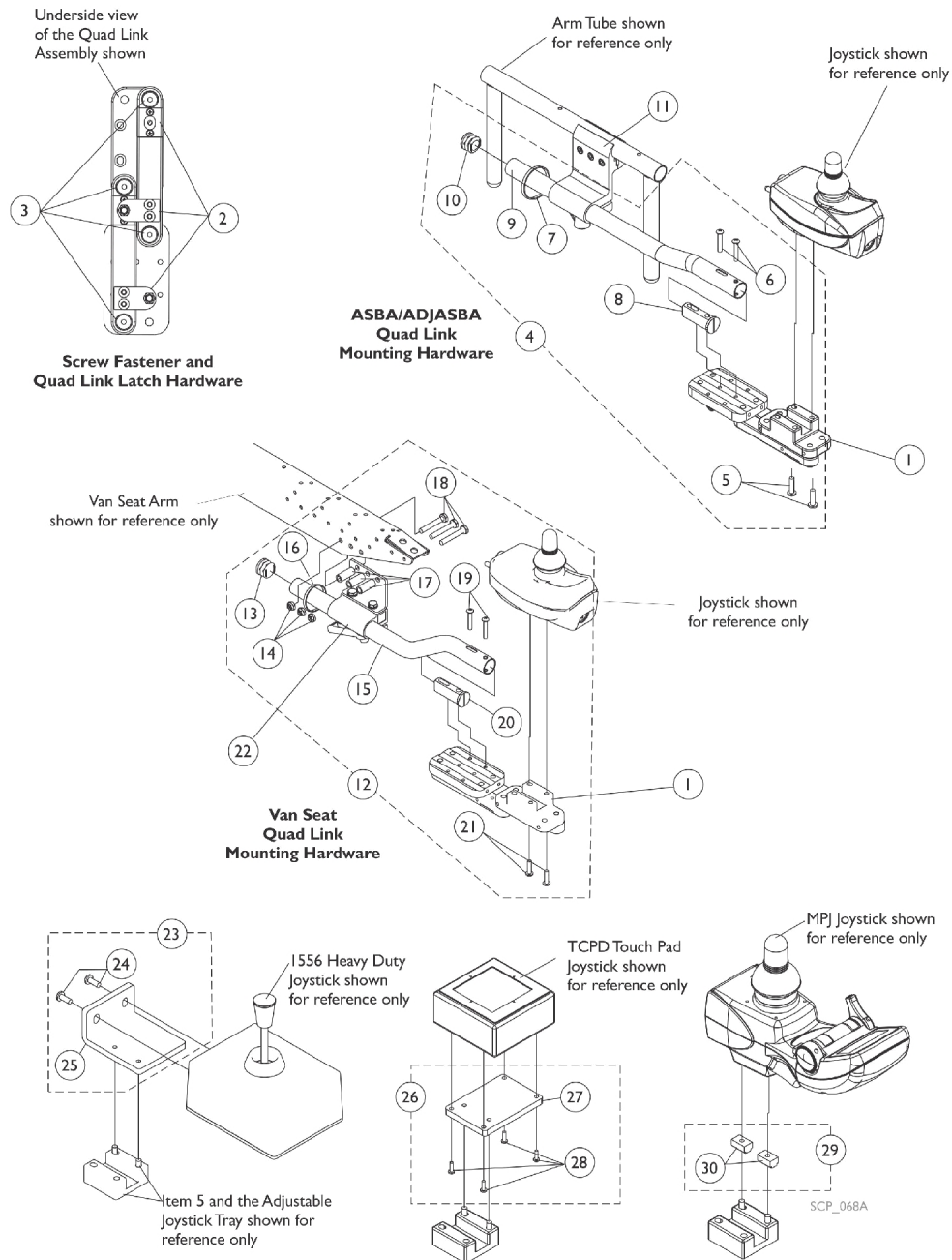
After 4/06/06

When converting an old style Quad Link that attaches to a mounting plate or (a Flex, or Touch Pad Joystick Tube) is currently on the chair then order the following for:

a) ASBA Seat; Quad Link Mtg. Hdwr. (item 4), Quad Link (item 1) & Ht. Adj. Joystick Tube Clamp (item 11)

b) Van Seat; Quad Link Mtg. Hdwr. (item 12), Quad Link (item 1) & Joystick Tube Clamp (item 22)

NOTE: Substitute (item 4 & 12) with 2 ea. of the PPH Screws (item 5) when an offset joystick tube is currently on the chair. Additional Joystick Mtg. Hdwr. must be ordered when a 1556 Heavy Duty, TCPD Touch Pad, or MPJ Joystick is used.



Quad Link Assembly (QL)

After 4/06/06

When converting an old style Quad Link that attaches to a mounting plate or (a Flex, or Touch Pad Joystick Tube) is currently on the chair then order the following for:

a) ASBA Seat; Quad Link Mtg. Hdwr. (item 4), Quad Link (item 1) & Ht. Adj. Joystick Tube Clamp (item 11)

b) Van Seat; Quad Link Mtg. Hdwr. (item 12), Quad Link (item 1) & Joystick Tube Clamp (item 22)

NOTE: Substitute (item 4 & 12) with 2 ea. of the PPH Screws (item 5) when an offset joystick tube is currently on the chair. Additional Joystick Mtg. Hdwr. must be ordered when a 1556 Heavy Duty, TCPD Touch Pad, or MPJ Joystick is used.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1140898	Quad Link (QL) with Instruction Sheet - Right	1	1
1		1140899	Quad Link (QL) with Instruction Sheet - Left	1	1
2	A	1140425	Kit, Quad Link Latch Hardware	1	1
3	B	1140424-NLA	NLA - Kit, Quad Link Screw Fastener Hardware	1	1
4	C,C1	1142937	Kit, ASBA/ADJASBA Quad Link Mounting Hardware	1	1
5			Screw, Phillips Pan Head w/ Patch (#10-32 x 3/4")	1	2
6			Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	2
7			Tie Wrap (11-1/2" L)	1	1
8			Spacer, Joystick Tube, Black	1	1
9			Tube, Joystick Offset (2")	1	1
10			Plug Button, Black (7/8")	1	1
5		1105414	Screw, Phillips Pan Head w/ Patch (#10-32 x 3/4")	1	2
11		1093071	Clamp, Fixed Height Joystick Tube	1	1
12	C1,G,I,I 1	1143042	Kit, Quad Link Mounting Hardware - Van Seat	1	1
13			Plug Button, Black (7/8")	1	1
14			Locknut (1/4-20)	1	3
15			Tube, Joystick Offset (2")	1	1
16			Tie Wrap (11-1/2" L)	1	1
17			Spacer (1/4 x 3/8 x 1")	1	3
18			Screw, Hex Head (1/4-20 x 1-5/8")	1	3
19			Screw, Phillips Pan Head (#10-32 x 1-1/8")	1	2
20			Spacer, Joystick Tube, Black	1	1
21			Screw, Phillips Pan Head w/ Patch (#10-32 x 3/4")	1	2
22		1139681	Clamp Assembly, Fixed Height, Captain/ Van Seat	1	1
23	D	1139925-NLA	NLA - Kit, 1556 Heavy Duty Joystick To Quad Link Mounting Hardware	1	1
24			Screw, Phillips Pan Head (#10-32 x 1/2")	1	2
25			NLA - Plate, 1556 HD Joystick Quad Link	1	1
26	E	1139683-NLA	NLA - Kit, TCPD Touch Pad To Quad Link Mounting Hardware	1	1
27			Plate, TCPD Touch Pad Quad Link	1	1
28			Screw, Phillips Pan Head (#4-40 x 3/8")	1	4
29	H	1139682-NLA	NLA - Kit, MPJ Joystick To Quad Link Mounting Hardware	1	1
30			NLA - T-Nut (#10-32)	1	2
	F	1134844	Instruction Sheet, Quad Link	1	1

Quad Link Assembly (QL)

After 4/06/06

When converting an old style Quad Link that attaches to a mounting plate or (a Flex, or Touch Pad Joystick Tube) is currently on the chair then order the following for:

a) ASBA Seat; Quad Link Mtg. Hdwr. (item 4), Quad Link (item 1) & Ht. Adj. Joystick Tube Clamp (item 11)

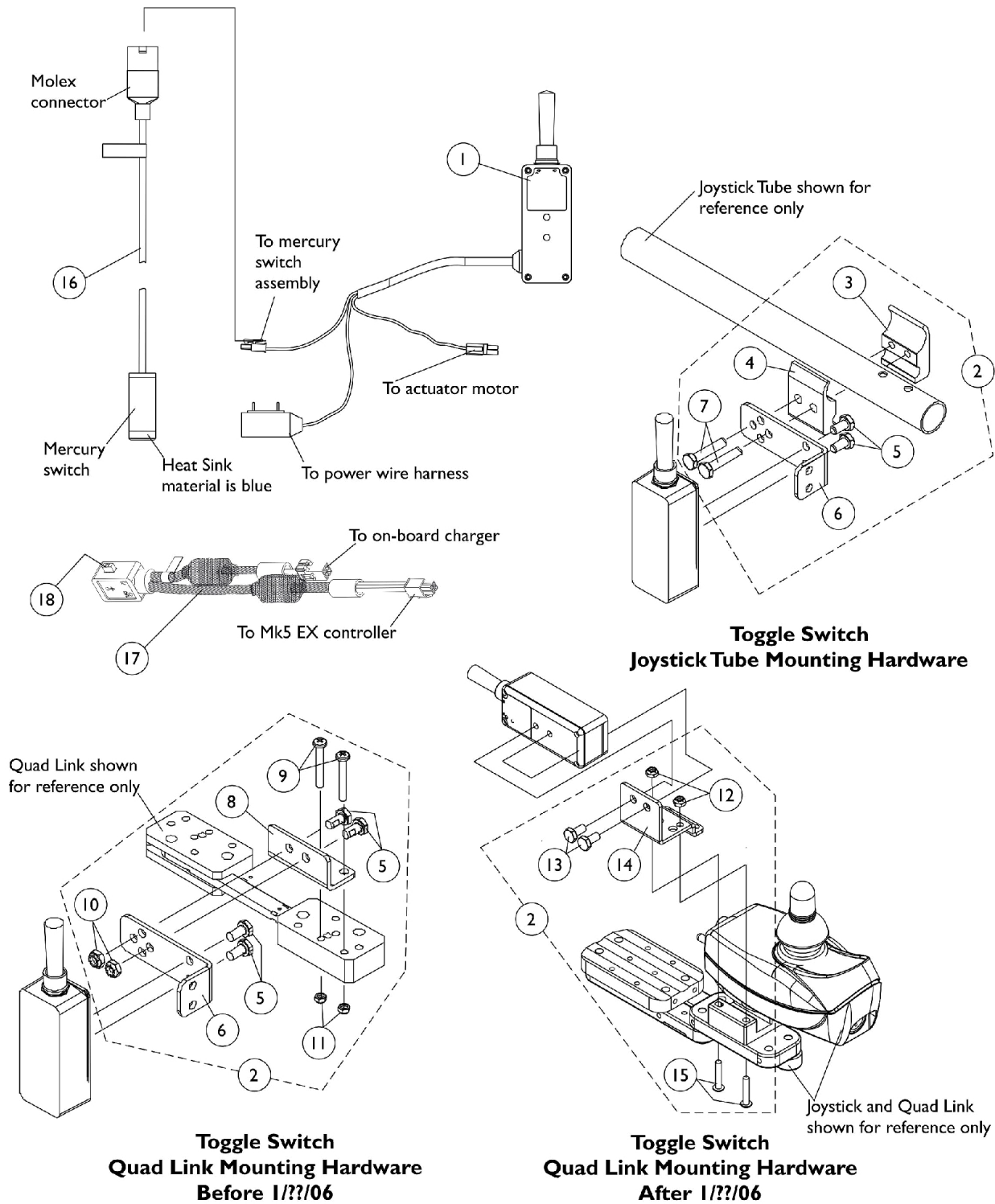
b) Van Seat; Quad Link Mtg. Hdwr. (item 12), Quad Link (item 1) & Joystick Tube Clamp (item 22)

NOTE: Substitute (item 4 & 12) with 2 ea. of the PPH Screws (item 5) when an offset joystick tube is currently on the chair. Additional Joystick Mtg. Hdwr. must be ordered when a 1556 Heavy Duty, TCPD Touch Pad, or MPJ Joystick is used.

NOTE: A - Latch Kit includes 4 ea. Button Head Cap Screws (10-32 x 3/8"), 2 ea. Latch Spring Assembly, 4 ea. Phillips Flat C'Sunk Head Screws, 2 ea. Spring Catch Plates, 2 ea. Socket Head Set Screws (10-32 x 3/8")
B - Screw Fastener Kit includes 4 ea. Socket Head Shoulder Screws (3/8 x 3/8"), 2 ea. Socket Head Cap Screws (1/4-20 x 3/8"), 2 ea. Socket Head Set Screws (1/4-20 x 1/2"), 4 ea. Socket Head Set Screws (10-32 x 1/8")
C - Includes items 5-10. The Quad Link Mounting Hardware accommodates MK5, MKIV RII, and PSF/PSR joysticks.
C1 - When ordering the Quad Link for the first time, Additional hardware is required for 1556 Heavy Duty and TCPD Touch Pad joysticks. See pictorial for reference.
D - Includes items 24 and 25
E - Includes items 27 and 28
F - Not Shown
G - Includes items 13-21. The Quad Link Mounting Hardware accommodates MK5, MKIV RII, and PSF/PSR joysticks.
H - Includes item 30
I - If Quad Link is to be mounted on chairs w/ van seats built Before 4/07/06, then a new Upper Arm Asbly. (adj. height) or complete Fixed Height Arm Asbly. must be ordered as well. See van seat arms category.
I1 - The new Arm Pads have 3 additional holes drilled in the armrest plate so that the quad link can be properly mounted.

Tilt Recline Single Switch (TRSS)

As of 7/1/2009, switches are mercury free. TRSS Tilt Recline Single Switch is not used with MK6i electronics.



Tilt Recline Single Switch (TRSS)

As of 7/1/2009, switches are mercury free. TRSS Tilt Recline Single Switch is not used with MK6i electronics.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1089384	Switch, Toggle Tilt Recline Single (TRSS)	1	1
2		1091496	Kit, Joystick Tube Toggle Switch Mounting Hardware	1	1
3			NLA - Half Clamp, Threaded Holes	1	1
4			Half Clamp, Non-Threaded Holes	1	1
5			Screw, Hex Head w/ Patch (1/4-20 x 1/2")	1	2
6			NLA - Bracket, Toggle Switch Mounting, Black	1	1
7			NLA - Screw, Hex Head (1/4-20 x 1-1/8")	1	2
2	B	1091497-NLA	NLA - Kit, Quad Link Toggle Switch Mounting Hardware	1	1
5			Screw, Hex Head w/ Patch (1/4-20 x 1/2")	1	4
6			NLA - Bracket, Toggle Switch Mounting, Black	1	1
8			NLA - Bracket, Quad Link Toggle Switch Mounting, Black	1	1
9			Screw, Phillips Pan Head (#10-32 x 1-3/8")	1	2
10			Locknut (1/4-20)	1	2
11			Locknut (#10-32)	1	2
2	C	1139684-NLA	NLA - Kit, Quad Link Toggle Switch Mounting Hardware	1	1
12			Locknut (#10-32)	1	2
13			Screw, Hex Head w/ Patch (1/4-20 x 1/2")	1	2
14			Bracket, Toggle Switch Mounting, Black	1	1
15			Screw, Phillips Pan Head w/Patch (#10-32 x 7/8")	1	2
16		1080635-NLA	NLA - Harness, Recline/Tilt Limit Mercury Free Ball Switch	1	1
17	D	1127429-NLA	NLA - Cable, Splitter Auxiliary Power	1	1
18		1090117-NLA	NLA - Fuse - Buss Mini ATM-15 (15 AMP)	1	1
	E	1106544-NLA	NLA - Kit, Switch Clip with Mounting Hardware	1	1
			NLA - Bracket, Cable/Wire Mounting, Black	1	1
			Screw, Phillips Pan Head Tap (#10-16 x 3/4")	1	1
			Lockwasher, External Tooth (#10)	1	1

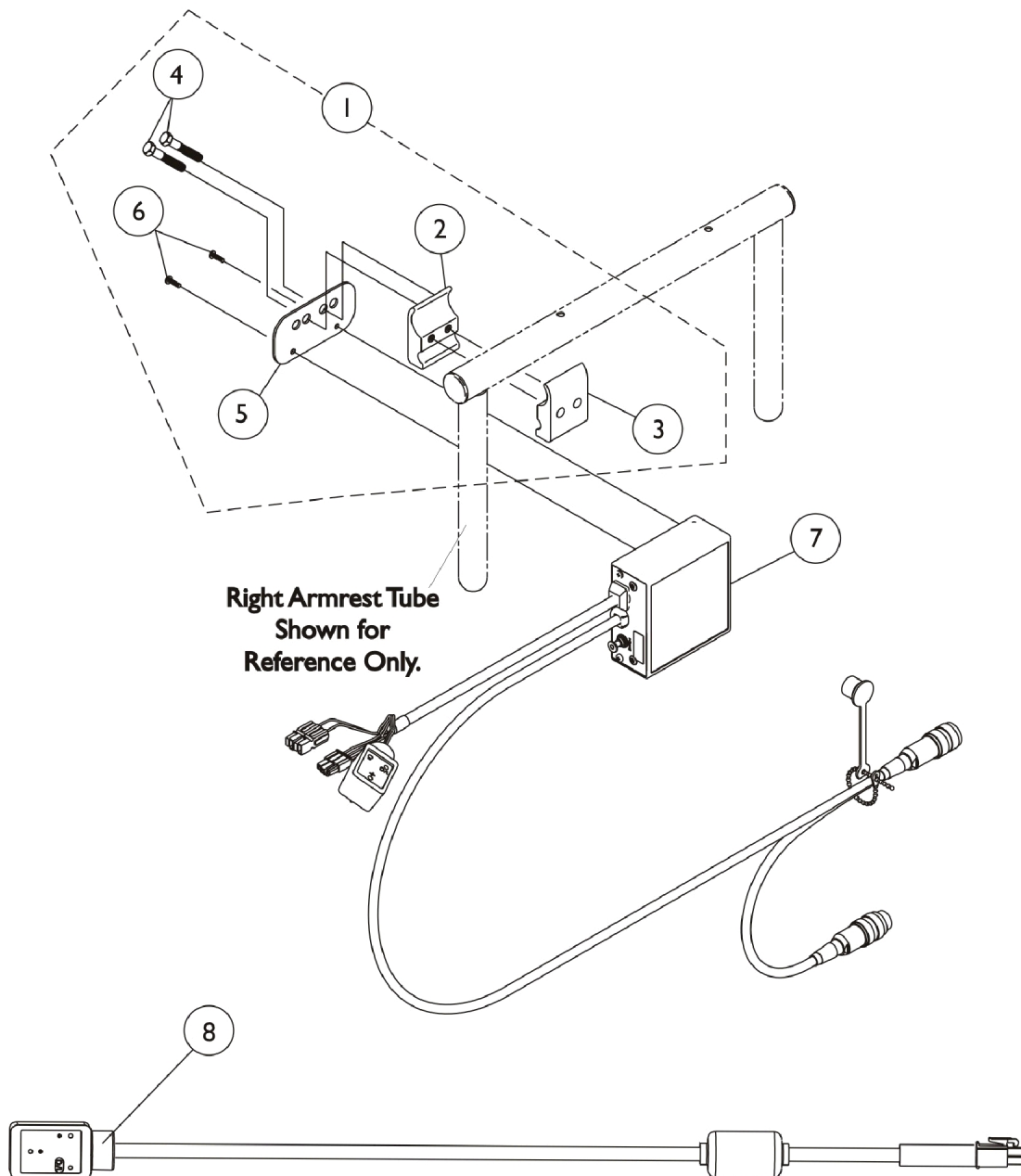
NOTE: A - Includes items 3-7
 B - Before 1/??/06 and Includes items 5, 6 and 8-11
 C - After 1/??/06 and includes items 12-15
 D - Used for Pronto M71 and M91 models with on-board chargers
 E - Not Shown. Includes 1 ea. part number 0062800, 1 ea. 0065706 and 1 ea. 1077143. Switch Clip Hardware is used to mount the Recline/Tilt Mercury Switch Harness

Electronics - MK5 SAC and Hardware

Before 1/06/06

On 1/06/06 the MK5 SAC was discontinued. As a replacement, refer to the MK5 TAC and Hardware category.

(Available only on chairs with PTO and PTO Plus Powered Seating)



Electronics - MK5 SAC and Hardware

Before 1/06/06

On 1/06/06 the MK5 SAC was discontinued. As a replacement, refer to the MK5 TAC and Hardware category.

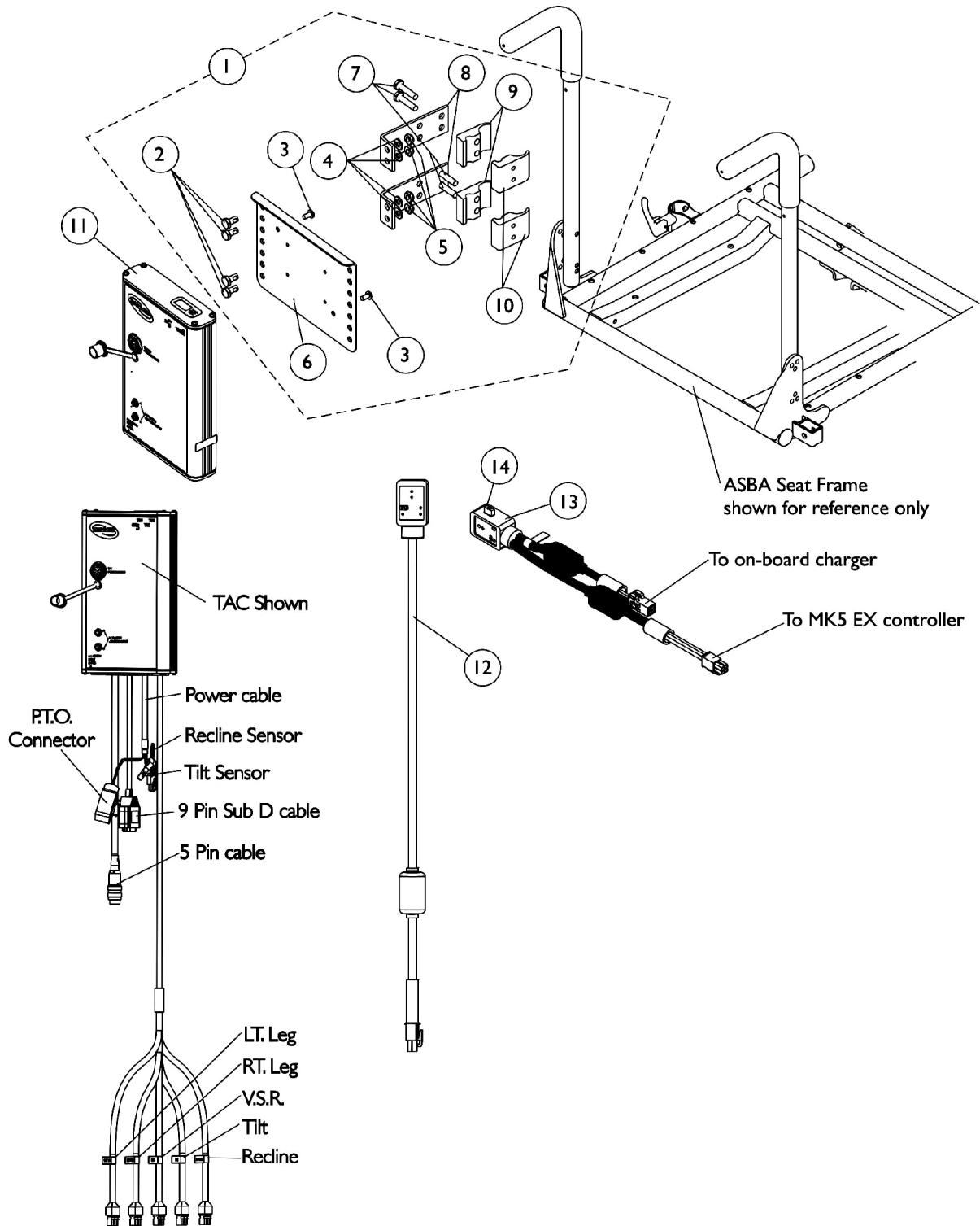
(Available only on chairs with PTO and PTO Plus Powered Seating)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A,C	1049593	Kit, SNP/DI, MK5 SAC, 4WSB, S4WSB, GTAM, AUX12M6, AUX34M6 Mtg. Hdw.	1	1
2			NLA - Half Clamp, Threaded Holes	1	1
3			Half Clamp, Non-Threaded Holes	1	1
4			NLA - Screw, Hex Head (1/4-20 x 1-1/8")	1	2
5			Plate, Mounting	1	1
6			Screw, Phillips Pan Head (#4-40 x 3/8")	1	2
7	B	1115730-NLA	NLA - Control, MK5 SAC	1	1
8		1119418	Cable, Auxiliary Power	1	1
NOTE: A - Includes items 2-6 B - On 1/06/06 the MK5 SAC was discontinued. As a replacement, refer to the MK5 TAC and Hardware category. C - As of 5/22/07 the Mounting Plate holes and the orientation of the Hardware was revised to attach the electronics closer to the chair. The Mounting Hardware Kit is backward compatible.					

Electronics - MK5 TAC and Hardware (After 1/05/2006)

(Available only on chairs with PTO and PTO Plus Powered Seating)

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



Electronics - MK5 TAC and Hardware

(After 1/05/2006)

(Available only on chairs with PTO and PTO Plus Powered Seating)
As of (7/1/2009), switches are mercury free.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	J	1142600-NLA	NLA - Kit, MK5 TAC/TRECM Mounting Hardware	1	1
2			Screw, Hex Head w/ Patch (1/4-20 x 1/2")	1	4
3			NLA - Screw, Phillips Pan Head w/ Patch (#10-32 x 3/8")	1	2
4			Washer (1/4 x 1/2 x 1/16")	1	4
5			Locknut (1/4-20)	1	4
6			NLA - Bracket, Controller Mounting, Black	1	1
7			NLA - Screw, Hex Head (1/4-20 x 1-1/8")	1	4
8			NLA - Bracket, Standoff, Black	1	2
9			Half Clamp, Non-Threaded Holes	1	2
10			NLA - Half Clamp, Threaded Holes	1	2
11	B,C	1118728-NLA	NLA - Controller, MK5 TAC	1	1
12		1119418	Cable, Auxiliary Power	1	1
13	A	1127429-NLA	NLA - Cable, Splitter Auxiliary Power	1	1
14		1090117-NLA	NLA - Fuse - Buss Mini ATM-15 (15 AMP)	1	1
	D,E	1142587-NLA	Kit, MK5 SAC To MK5 TAC Conversion For PTO on Pronto M71/M91	1	1
2			Screw, Hex Head w/ Patch (1/4-20 x 1/2")	1	4
3			NLA - Screw, Phillips Pan Head w/ Patch (#10-32 x 3/8")	1	2
4			Washer (1/4 x 1/2 x 1/16")	1	4
5			Locknut (1/4-20)	1	4
6			NLA - Bracket, Controller Mounting, Black	1	1
7			NLA - Screw, Hex Head (1/4-20 x 1-1/8")	1	4
8			NLA - Bracket, Standoff, Black	1	2
9			Half Clamp, Non-Threaded Holes	1	2
10			NLA - Half Clamp, Threaded Holes	1	2
11			NLA - Controller, MK5 TAC	1	1
			NLA - Harness, Drive Lockout Mercury Free Ball Switch	1	2
			NLA - Bracket, Cable/Wire Mounting, Black	1	1
			Screw, Phillips Pan Head Tap (#10-16 x 3/4")	1	1
			Lockwasher, External Tooth (#10)	1	1
			Tie Wrap (11-1/2" L)	1	10
			Tie Wrap (5-5/8" L)	1	10
			NLA - Instruction Sheet, MK5 SAC To MK5 TAC Conversion For PTO on Pronto M71/M91	1	1
	D,E	1142587E-NLA	NLA - WARR RPLMT - MK5 SAC To MK5 TAC Conversion Kit For PTO on Pronto M71/M91	1	1
2			Screw, Hex Head w/ Patch (1/4-20 x 1/2")	1	4
3			NLA - Screw, Phillips Pan Head w/ Patch (#10-32 x 3/8")	1	2

Electronics - MK5 TAC and Hardware

(After 1/05/2006)

(Available only on chairs with PTO and PTO Plus Powered Seating)
As of (7/1/2009), switches are mercury free.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
4			Washer (1/4 x 1/2 x 1/16")	1	4
5			Locknut (1/4-20)	1	4
6			NLA - Bracket, Controller Mounting, Black	1	1
7			NLA - Screw, Hex Head (1/4-20 x 1-1/8")	1	4
8			NLA - Bracket, Standoff, Black	1	2
9			Half Clamp, Non-Threaded Holes	1	2
10			NLA - Half Clamp, Threaded Holes	1	2
11			NLA - WARR RPLMT - Controller, MK5 TAC	1	1
			Screw, Phillips Pan Head Tap (#10-16 x 3/4")	1	1
			NLA - Bracket, Cable/Wire Mounting, Black	1	1
			Lockwasher, External Tooth (#10)	1	1
			NLA - Harness, Drive Lockout Mercury Free Ball Switch	1	2
			Tie Wrap (11-1/2" L)	1	10
			Tie Wrap (5-5/8" L)	1	10
			NLA - Instruction Sheet, MK5 SAC To MK5 TAC Conversion For PTO on Pronto M71/M91	1	1
	D,F	1142589-NLA	Kit, MK5 SAC To MK5 TAC Conversion For Formula PTO Plus on Pronto M71/M91 & TDX	1	1
2			Screw, Hex Head w/ Patch (1/4-20 x 1/2")	1	4
3			NLA - Screw, Phillips Pan Head w/ Patch (#10-32 x 3/8")	1	2
4			Washer (1/4 x 1/2 x 1/16")	1	4
5			Locknut (1/4-20)	1	4
6			NLA - Bracket, Controller Mounting, Black	1	1
7			NLA - Screw, Hex Head (1/4-20 x 1-1/8")	1	4
8			NLA - Bracket, Standoff, Black	1	2
9			Half Clamp, Non-Threaded Holes	1	2
10			NLA - Half Clamp, Threaded Holes	1	2
11			NLA - Controller, MK5 TAC	1	1
			NLA - Harness, Drive Lockout Mercury Free Ball Switch	1	2
			NLA - Bracket, Cable/Wire Mounting, Black	1	1
			Screw, Phillips Pan Head Tap (#10-32 x 3/8")	1	1
			Washer, Steel (3/16 x 7/16 x 1/16")	1	1
			Tie Wrap (11-1/2" L)	1	10
			Tie Wrap (5-5/8" L)	1	10
			NLA - Instruction Sheet, MK5 SAC To MK5 TAC Conversion For Formula PTO Plus on Pronto M71/M91 & TDX	1	1
	D,F	1142589E-NLA	NLA - WARR RPLMT - MK5 SAC To MK5 TAC Conversion Kit For Formula PTO Plus on Pronto M71/M91 & TDX	1	1

Electronics - MK5 TAC and Hardware

(After 1/05/2006)

(Available only on chairs with PTO and PTO Plus Powered Seating)
As of (7/1/2009), switches are mercury free.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
2			Screw, Hex Head w/ Patch (1/4-20 x 1/2")	1	4
3			NLA - Screw, Phillips Pan Head w/ Patch (#10-32 x 3/8")	1	2
4			Washer (1/4 x 1/2 x 1/16")	1	4
5			Locknut (1/4-20)	1	4
6			NLA - Bracket, Controller Mounting, Black	1	1
9			Half Clamp, Non-Threaded Holes	1	2
10			NLA - Half Clamp, Threaded Holes	1	2
11			NLA - WARR RPLMT - Controller, MK5 TAC	1	1
			NLA - Bracket, Cable/Wire Mounting, Black	1	1
			Tie Wrap (5-5/8" L)	1	10
			Screw, Phillips Pan Head Tap (#10-32 x 3/8")	1	1
			Washer, Steel (3/16 x 7/16 x 1/16")	1	1
			NLA - Harness, Drive Lockout Mercury Free Ball Switch	1	2
		1141467-NLA	NLA - Instruction Sheet, MK5 SAC To MK5 TAC Conversion For PTO on Pronto M71/M91	1	1
		1141483-NLA	NLA - Instruction Sheet, MK5 SAC To MK5 TAC Conversion For Formula PTO Plus on Pronto M71/M91 & TDX	1	1
	D,G	1106544-NLA	NLA - Kit, Switch Clip with Mounting Hardware	1	2
			NLA - Bracket, Cable/Wire Mounting, Black	1	1
			Screw, Phillips Pan Head Tap (#10-16 x 3/4")	1	1
			Lockwasher, External Tooth (#10)	1	1
	D,H	1128387-NLA	NLA - Kit, Switch Mounting Hardware	1	2
			NLA - Bracket, Cable/Wire Mounting, Black	1	1
			Washer, Steel (3/16 x 7/16 x 1/16")	1	1
			Screw, Phillips Pan Head Tap (#10-32 x 3/8")	1	1
	D	1080634-NLA	NLA - Harness, Drive Lockout Mercury Free Ball Switch	1	2
	D	1095503-NLA	NLA - Package, Tie Wrap (5-5/8" L)	10	1
	D	1095502-NLA	NLA - Package, Tie Wrap (11-1/2" L)	10	1

Electronics - MK5 TAC and Hardware

(After 1/05/2006)

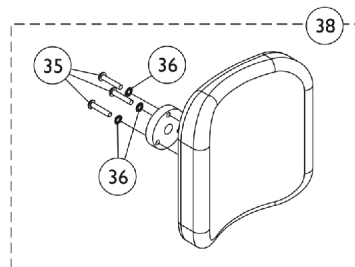
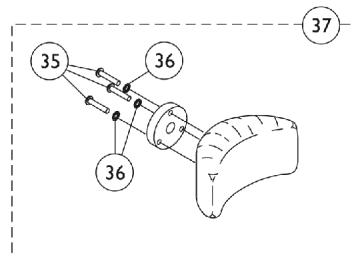
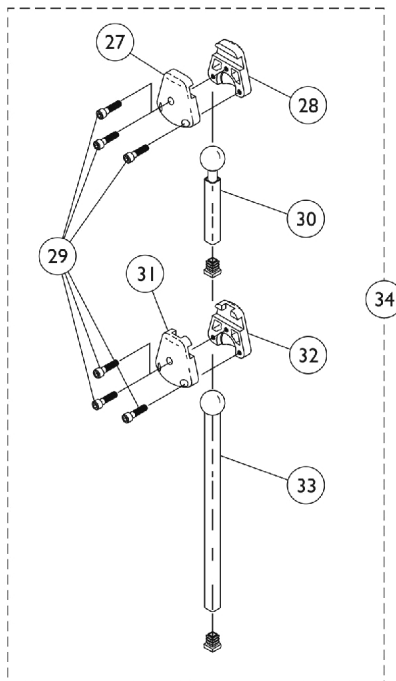
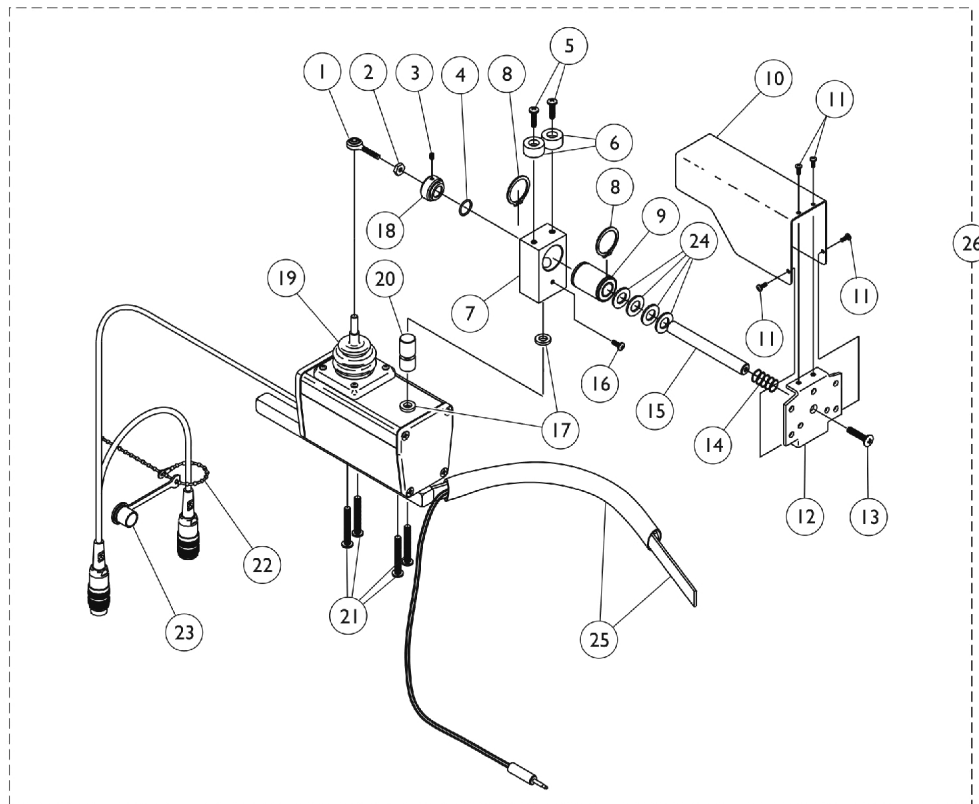
(Available only on chairs with PTO and PTO Plus Powered Seating)

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

NOTE: A - Used for models with on-board chargers
B - When converting a MK5 SAC to a MK5 TAC on a PTO Powered Seating System, refer to the conversion kit part # 1142587
C - When converting a MK5 SAC to a MK5 TAC on a PTO "Plus" Powered Seating System, refer to the conversion kit part # 1142589
D - Not Shown
E - Components for kit part # 1142587 uses items 2-11, (part #'s 1080634, 0062800, 0065706, 1077143), Cable Ties and Instruction Sheet
F - Components for kit part # 1142589 uses items 2-11, (part #'s 1080634, 0062800, 1028516, 1022597), Cable Ties and Instruction Sheet
G - Switch Clip and Hardware Kit part # 1106544 Bill Of Material is found within SAC To TAC conversion kit part # 1142587
H - Switch Clip and Hardware Kit part # 1128387 Bill Of Material is found within SAC To TAC conversion kit part # 1142589
J - Includes items 2-10

Effective (07/01/2009), switches are mercury free.

R.I.M. Head Control Assembly (1500)



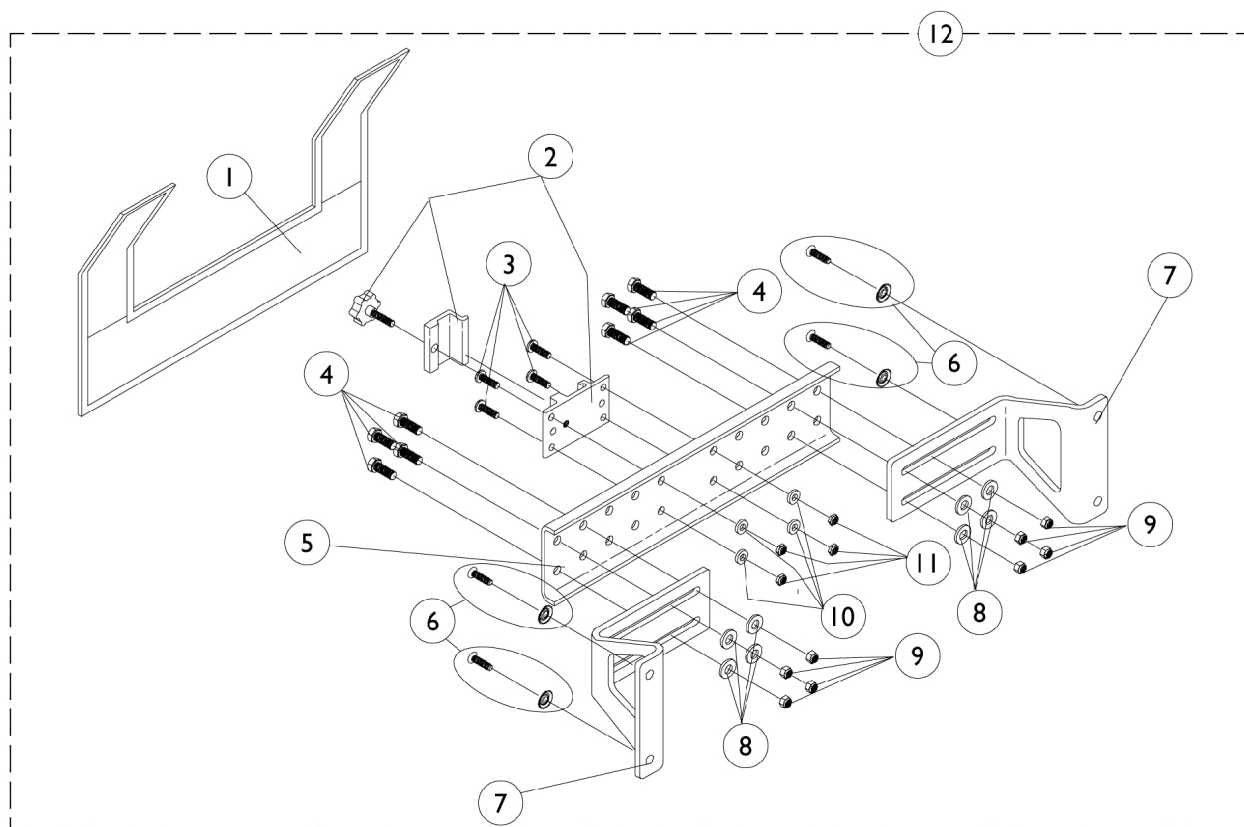
R.I.M. Head Control Assembly (1500)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1001625	Tie Rod End	1	1
2		48095X000-NLA	NLA - Locknut (#10-32)	1	1
3		1025275-NLA	NLA - Screw, Set w/ Patch (#8-32 x 1/4")	1	1
4		2001139	O-Ring (1/2" I.D.)	1	1
5		1028529	Screw, Phillips Pan Head (#8-32 x 3/8")	1	2
6		1055002-NLA	NLA - Washer, Nylon	1	2
7		1056206	Block, Pivot	1	1
8		1054939-NLA	NLA - Ring, Snap	1	2
9		1018113	Bearing, Linear	1	1
10		1055014-NLA	NLA - Shield, Push Rod	1	1
11		1021742	Screw, Phillips Pan Head (#4-40 x 1/2")	1	4
12		1055031-NLA	NLA - Bracket, Headrest Mounting, Black	1	1
13		40127X002-NLA	NLA - Screw, Phillips Oval Head (#10-32 x 3/4")	1	1
14		1055145-NLA	NLA - Spring, Compression (19/32 x 1-1/4 x 1/32")	1	1
15		1055016-NLA	NLA - Rod, Push	1	1
16		1026728-NLA	NLA - Screw, Phillips Pan Head (#6-32 x 1/4")	1	1
17		1010398	Washer, Nylon (1/4 x 1/2 x 1/16")	1	2
18		1025236-NLA	NLA - Collar, Shoulder	1	1
19		50000X364-NLA	NLA - Boot, Joystick	1	1
20		1055017-NLA	NLA - Rod, Pivot	1	1
21		11008X014-NLA	NLA - Screw, Phillips Round Head (#10-32 x 1")	1	4
22		1038256-NLA	NLA - Tie Wrap (4-1/4" L)	1	1
23		1037373-NLA	NLA - Cover, Splash	1	1
24		1003766-NLA	NLA - Washer, Plain (1/2 x 1 x 1/8")	1	4
25		1025271-NLA	NLA - Ribbon Reset Switch and Bracket Assembly	1	1
26	A	1056210E-NLA	NLA - Reconditioned - Joystick, Remote Head	1	1
27		1055023-NLA	NLA - Clamp, Horizontal Pivot	1	1
28		1055024-NLA	NLA - Clamp, Threaded, Horizontal Pivot	1	1
29		1055144-NLA	NLA - Screw, Socket Head (M6 x 1 x 25mm)	1	6
30		1055028	Tube, Slide, Square, Short	1	1
31		1055025-NLA	NLA - Clamp, Vertical Pivot	1	1
32		1055026-NLA	NLA - Clamp, Threaded, Vertical Pivot	1	1
33		1055027-NLA	NLA - Tube, Slide, Square, Long	1	1
34	B	1056213-NLA	NLA - Hardware, Adjustment	1	1
35		1005383	Screw, Socket Button Head (#10-32 x 1")	1	3
36		1027263-NLA	NLA - Washer, Lock Internal Tooth (#10)	1	3
37	C	1056211-NLA	NLA - Kit, Headrest with Hardware, Otto Bock, Small	1	1
38	D	1056212	Kit, Headrest with Hardware, Large	1	1
	E	1056087-NLA	NLA - Screw, Socket Head (#10-32 x 1/2")	1	4

R.I.M. Head Control Assembly (1500)

NOTE: A - Includes items 1-25.
B - Includes items 27-33 and the Plug Buttons that attach to item 30 and 33 Slide Tubes. The Plug Buttons are not saleable.
C - Includes the Headrest Adapter and items 35 and 36.
D - Includes the Headrest Adapter and items 35 and 36. The LaBac Headrest is no longer used as of 12/6/10 that was attached with Screw part # 1056087 (4 ea.). The screw is still available to order for existing LaBac Headrest in the field.
E - Used for existing LaBac Headrest in the field only.

R.I.M. Head Control Mounting Hardware (1500)

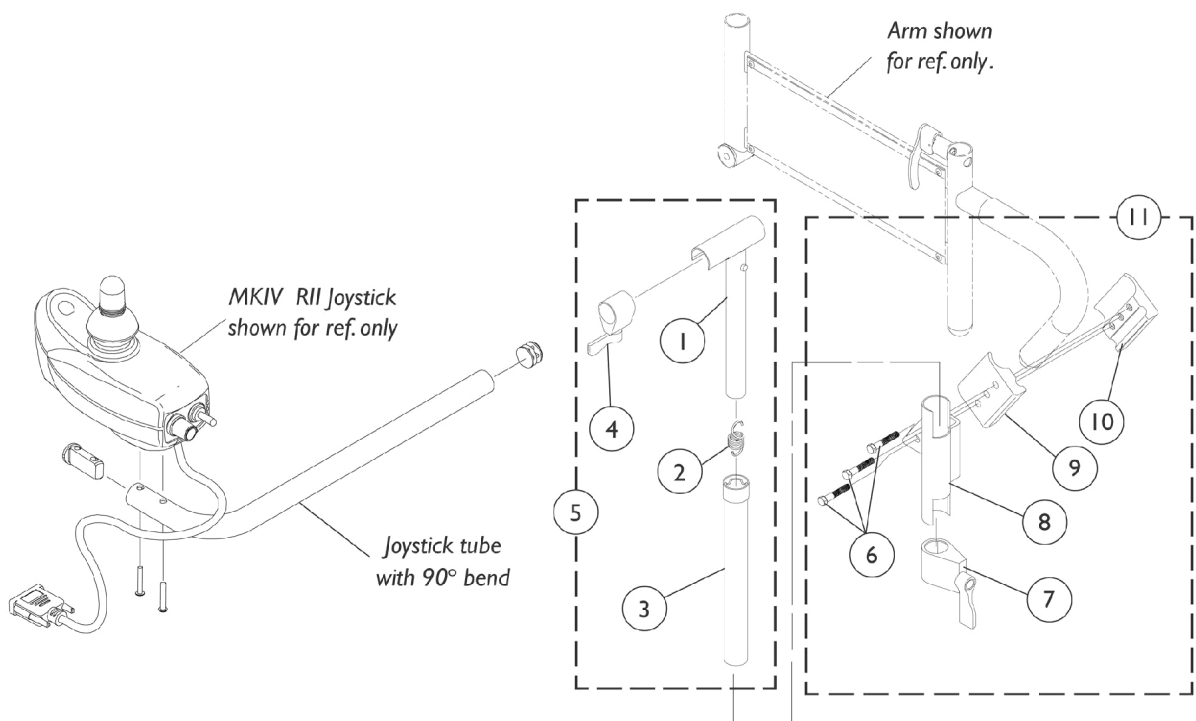


R.I.M. Head Control Mounting Hardware (1500)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	B	1055149	Cover, Nylon	1	1
1	C	1055151-NLA	NLA - Cover, Nylon	1	1
2		1055148-NLA	NLA - Clamp with Knob, Two-Piece	1	1
3		1003645	Screw, Socket Button Head (#10-32 x 3/4")	1	4
4		7930326-NLA	NLA - Package, Screw, Hex Head (1/4-20 x 3/4")	25	8
5	B	1054931-NLA	NLA - Bracket, Attaching, Black (12 - 18" W)	1	1
5	C	1054933-NLA	NLA - Bracket, Attaching, Black (19 - 24" W)	1	1
6		1031095	Screws with Washers (#10-16 x 7/8")	4	1
6		1076284	Screw w/ Washer (#10 x 7/8")	1	4
7		1054929-NLA	NLA - Bracket, Wing, Black	1	2
8		1026907	Washer (1/4 x 1/2 x 1/16")	1	8
9		7930333	Locknut (1/4-20)	25	8
10		1026034-NLA	NLA - Washer, Nylon (3/16 x 7/16 x 1/8")	1	4
11		7930332-NLA	NLA - Locknut, High Profile (#10-32)	25	4
12	B,A	1056347	Hardware, Rim Control Mounting (RIMHW) (12-18" W)	1	1
12	C,A	1056348	Hardware, Rim Control Mounting (RIMHW) (19-24" W)	1	1
NOTE: A - Includes items 1-11 B - For 12-18" wide chairs C - For 19-24" wide chairs					

Mid-Line Swing Bracket Assembly

NOTE: Joystick Tube with 90 degree bend must be ordered as a special when a replacement is needed.

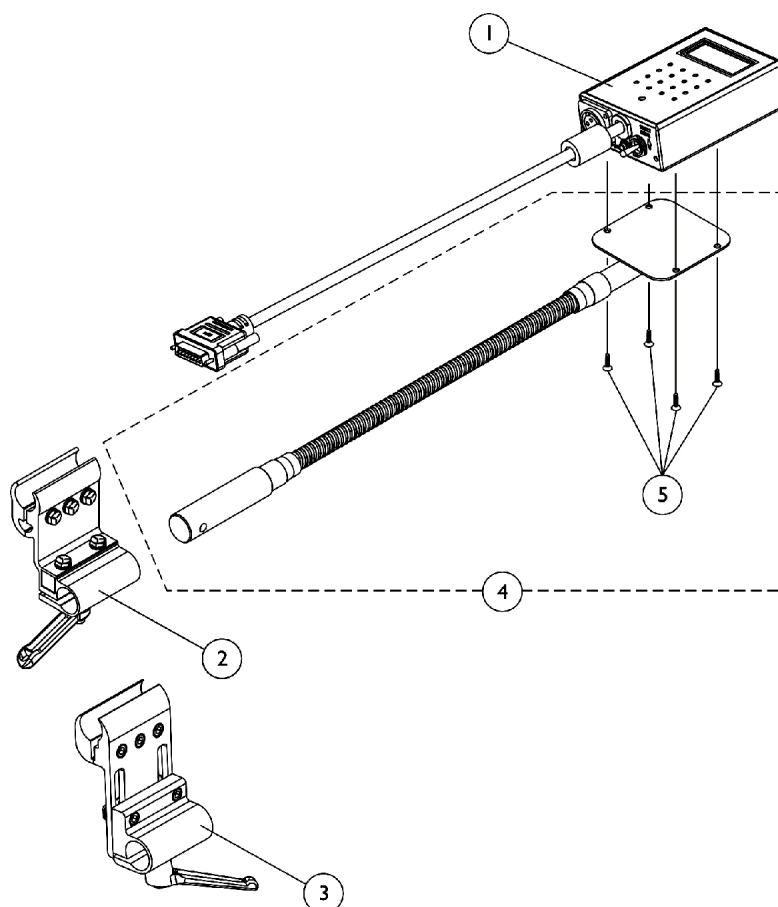


Mid-Line Swing Bracket Assembly

NOTE: Joystick Tube with 90 degree bend must be ordered as a special when a replacement is needed.

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1035528-NLA	NLA - Tube, Adjustment, Inside, Mid-Line, Black	1	1
2		1016778-NLA	NLA - Spring, Extension (9/16 x 1-3/8" L)	1	1
3		1035860-NLA	NLA - Tube, Adjustment, Outside, Mid-Line, Black	1	1
4		1027274	Adjustment Lock Assemnbly, Black	1	1
5	B	1035852-NLA	NLA - Swing Bracket Assembly, Mid-Line, Black	1	1
6		16690X004-NLA	NLA - Screw, Hex Head (1/4-20 x 1-1/8")	1	3
7		1027274	Adjustment Lock Assemnbly, Black	1	1
8	A	1071879-NLA	NLA - Bracket, Joystick Mounting, Black	1	1
9		1027266	Half Clamp, Non-Threaded Holes	1	1
10		1027267-NLA	NLA - Half Clamp, Threaded Holes	1	1
11	A,C	1071880-NLA	NLA - Hardware, Attaching - Mid-Line	1	1
NOTE: A - Left side joystick mounting bracket or hardware must be ordered as a special. B - Includes items 1-4 C - Includes items 6-10					

MK5 Display

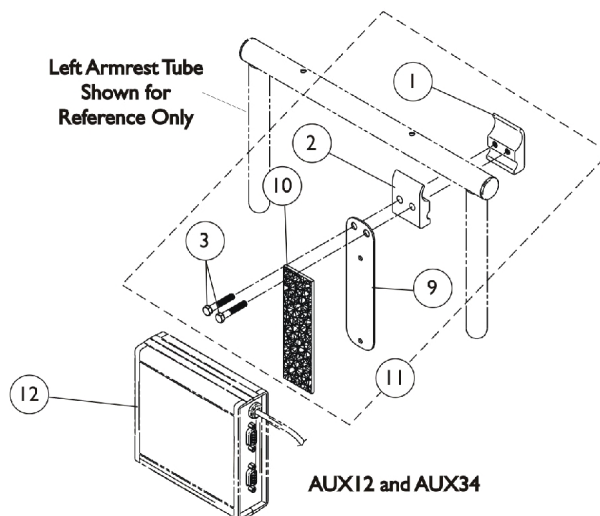
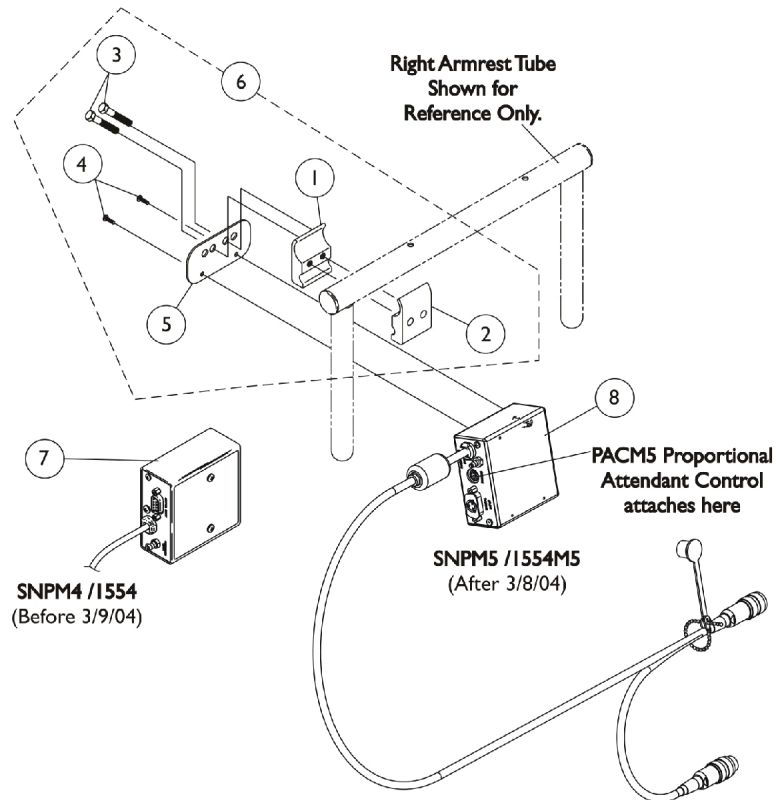


Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1118759-NLA	NLA - Display, MK5 with Switches	1	1
2		1093071	Clamp, Fixed Height Joystick Tube	1	1
3		1139422	Clamp, Height Adjustable Joystick Tube (ARM250)	1	1
4		1049594-NLA	NLA - Tube, Flex with Screws	1	1
5		1052041	Screw, Phillips Pan Head (#4-40 x 3/8")	1	4

NOTE: A - Introduced as an option (ARM250) and can be used to replace a Fixed Height Joystick Clamp

Sip-N-Puff / Digital Interface and AUX12 and AUX34 1554M4/1554M5

Sip-N-Puff/Digital Interface (1554M5) is required when using Proportional Attendant Control (PACM5)



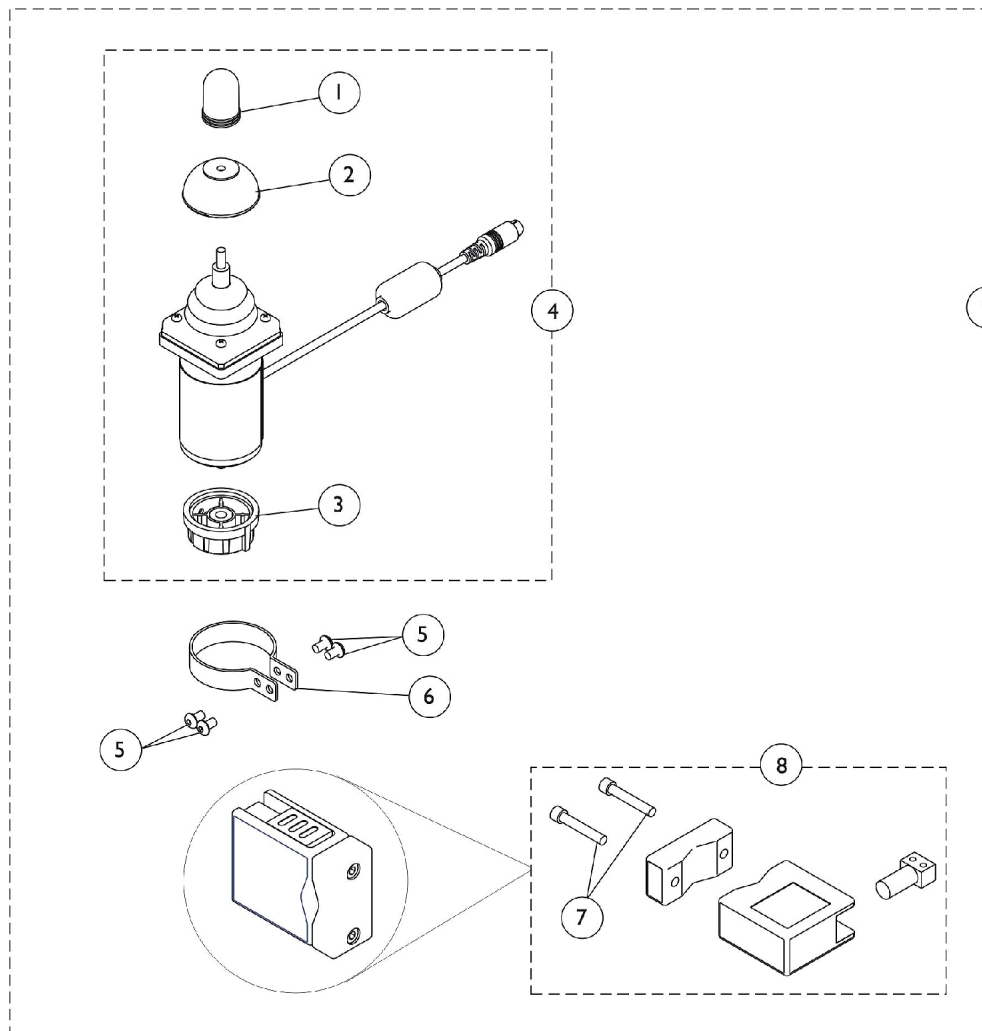
Sip-N-Puff / Digital Interface and AUX12 and AUX34 1554M4/1554M5

Sip-N-Puff/Digital Interface (1554M5) is required when using Proportional Attendant Control (PACM5)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
6	A,E	1049593	Kit, SNP/DI, MK5 SAC, 4WSB, S4WSB, GTAM, AUX12M6, AUX34M6 Mtg. Hdw.	1	1
1			NLA - Half Clamp, Threaded Holes	1	1
2			Half Clamp, Non-Threaded Holes	1	1
3			NLA - Screw, Hex Head (1/4-20 x 1-1/8")	1	2
4			Screw, Phillips Pan Head (#4-40 x 3/8")	1	2
5			Plate, Mounting	1	1
7	B	1038635-NLA	NLA - Sip-N-Puff w/ Digital Interface	1	1
8	C	1122229-NLA	NLA - Sip-N-Puff w/ Digital Interface - MK5	1	1
11	D	1049592-NLA	NLA - Kit, COM12/AUX12 and COM34/AUX34 Mounting Hardware	1	1
1			NLA - Half Clamp, Threaded Holes	1	1
2			Half Clamp, Non-Threaded Holes	1	1
3			NLA - Screw, Hex Head (1/4-20 x 1-1/8")	1	2
9			NLA - Fastener, Dual Lock Hook and Loop Adhesive (2" W x 12" L)	1	1
10			NLA - Plate, COM12/AUX12 and COM34/AUX34 Mounting	1	1
12		See Note-NLA	See Footnote	1	1
12		1086241-NLA	NLA - Module, Communication, COM34/AUX34	1	1
NOTE: A - Includes items 1-5. B - Before 3/9/04 - MKIV Electronics C - After 3/8/04 - MK5 Electronics D - Includes items 1-3, & 9-10. Item 9 that is packaged with the kit will only be a 4" long "Loop" fastener. E - As of 5/22/07 the Mounting Plate holes and the orientation of the Hardware was revised to attach the electronics closer to the chair. The Mounting Hardware Kit is backward compatible.					

Proportional Attendant Control Joystick PACM5

Sip-N-Puff/Digital Interface (1554M5) is required when using Proportional Attendant Control Joystick (PACM5)

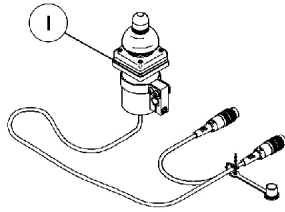


Proportional Attendant Control Joystick PACM5

Sip-N-Puff/Digital Interface (1554M5) is required when using Proportional Attendant Control Joystick (PACM5)

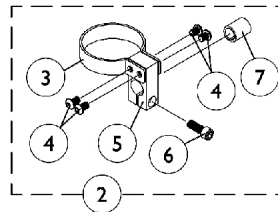
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1040217	Knob, Joystick Rubber, Black	1	1
2		1040218	Skirt, Joystick Rubber, Black	1	1
3		1114232	Knob, Control	1	1
4		1123230-NLA	NLA - Joystick, Proportional Attendant Control - MK5 (PACM5)	1	1
5	B	1021460	Screw, Socket Button Head (#10-32 x 5/16")	1	4
6		1025048	Clamp	1	1
7		0140406-NLA	NLA - Screw, Socket Head, Cap (5/16-18 x 1-1/2")	1	2
8		1123244	Bracket Assembly	1	1
9		1123274-NLA	NLA - Proportional Attendant Control Joystick w/ Bracket and Clamp -MK5 (PACM5)	1	1
NOTE: A - Includes Joystick plus items 1-3 B - Includes items 1-8					

Joystick Options

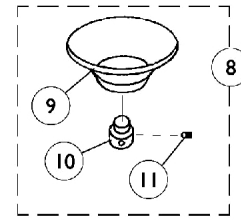


**ON CHAIR: 1812M4/1558
DUAL/COMPACT JOYSTICK
W/ MTG. HARDWARE**

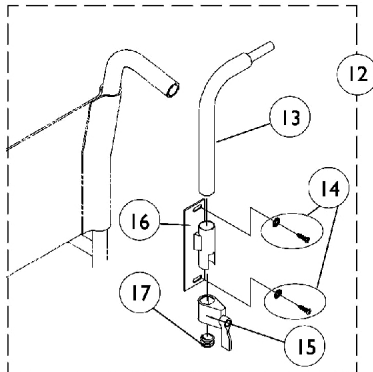
Used with MK5 display or MPJ joystick



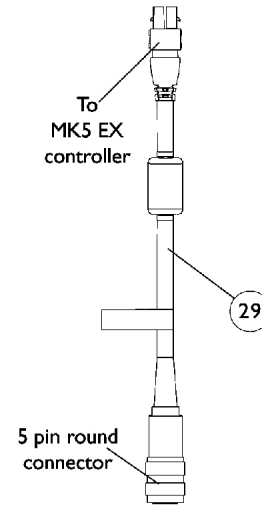
**DUAL/COMPACT JOYSTICK
MOUNTING HARDWARE**



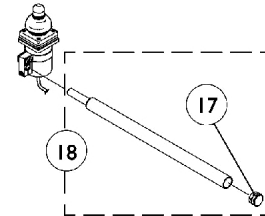
**ON CHAIR: 1826
CHIN CUP ASSEMBLY**



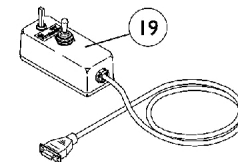
**ON CHAIR: 1673
REAR CANE MOUNT**



**MK5 EX CONTROLLER
OPTION CABLE**

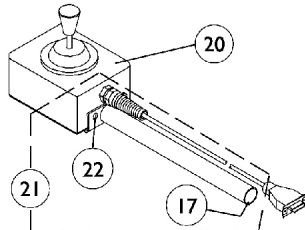


**DUAL/COMPACT
JOYSTICK
ARM MOUNT**



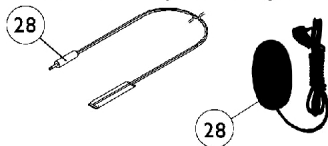
**ON CHAIR: 1552
ATTENDANT CONTROL
JOYSTICK**

Used with SNPM4
Sip-N-Puff/Digital interface



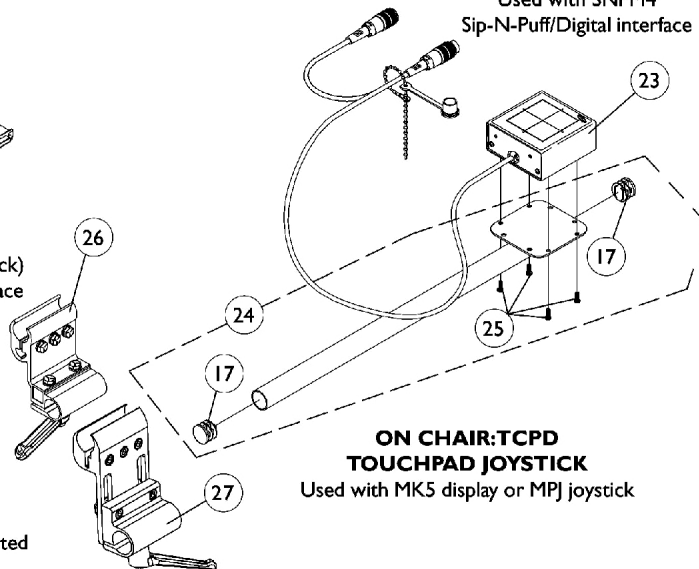
**ON CHAIR: 1556M
HEAVY DUTY
JOYSTICK**

Used with (MK5 display or MPJ joystick)
with SNPM4 Sip-N-Puff/Digital interface



**ON CHAIR: 1817
Reset Switch**

May be required for joystick options listed



**ON CHAIR: TCPD
TOUCHPAD JOYSTICK**

Used with MK5 display or MPJ joystick

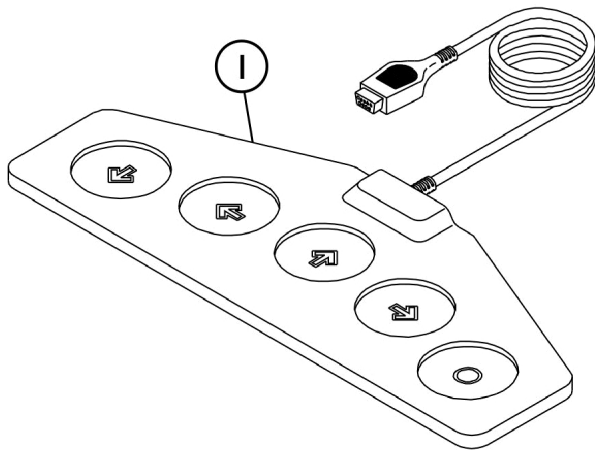
Joystick Options

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1038638-NLA	NLA - Joystick, MKIV Dual/Compact	1	1
2	A	1108012	Hardware, Dual/Compact Joystick Clamp Mounting	1	1
3		1025048	Clamp	1	1
4		1021460	Screw, Socket Button Head (#10-32 x 5/16")	1	4
5		1025045-NLA	NLA - Clamp, Mounting	1	1
6		1027089-NLA	NLA - Screw, Socket Head (#10-24 x 1/2")	1	1
7		1026273-NLA	NLA - Spacer, Split (3/8" I.D.)	1	1
8	B	60102524	Kit, Chin Cup Assembly - 1826	1	1
9		1017545	Cup, Chin	1	1
10	L	1017612-NLA	NLA - Screw, Adaptor	1	1
11		90032X000	Screw, Set Socket Cup Point (#8-32 x 1/4")	1	1
12	C	1044917	Hardware, Rear Cane Mount (1673/RCM)	1	1
13		1044918-NLA	NLA - Tube, Joystick	1	1
14		1026298	Package, Screw with Washer (#10 x 7/8") (Pair)	1	2
15		1027274	Adjustment Lock Assembly, Black	1	1
16		1025245-NLA	NLA - Bracket, Upright, Black -Right	1	1
17		1027095	Plug Button, Black (7/8")	1	1
18	D	1052309	Tube, Arm Mount with Plug Button, Black	1	1
19		1025590	Joystick, Attendant Control (1552M)	1	1
20		1041544-NLA	NLA - Joystick, Heavy Duty	1	1
21	E	1052719-NLA	NLA - Kit, Straight Joystick Tube with Hardware	1	1
22		1016401-NLA	NLA - Screw, Phillips Round Head (#10-32 x 3/8")	1	3
23		1091353-NLA	NLA - Touchpad, Joystick Assembly	1	1
24	F	1092604-NLA	NLA - Kit, Straight Joystick Tube with Hardware	1	1
25		1052041	Screw, Phillips Pan Head (#4-40 x 3/8")	1	4
26	G	1093071	Clamp, Fixed Height Joystick Tube	1	1
27	K	1139422	Clamp, Height Adjustable Joystick Tube (ARM250)	1	1
28	I	1020818	Switch, Red Flex Ribbon (Tape) Reset	1	1
28	J	1123276	Kit, Switch, Black Egg Reset w/ Hook/Loop	1	1
			Adhesive Back Fastener & Attaching Screws (EGSBLK)		
29	H	1118231-NLA	NLA - Cable, MK5 EX Controller Option	1	1

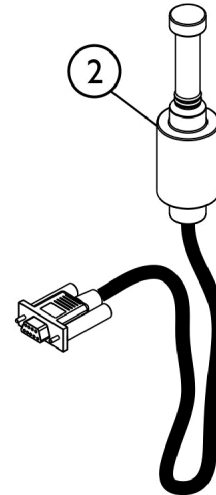
NOTE: A - Includes items 3-7
 B - Includes items 9-11
 C - Includes items 13-17
 D - Includes item 17
 E - Includes items 17 and 22
 F - Includes items 17 and 25
 G - Clamp assembly is used for all joystick tubes listed
 H - The 5 pin connector attaches to MKIV joystick options, MK5 S.A.C., MK5 T.A.C. or MK5 T.R.C.M. controllers.
 I - Before 5/24/04
 J - Not Shown. After 5/23/04 the Egg Reset Switch replaced the Red Flex Ribbon (Tape) Reset Switch
 K - Introduced as an option (ARM250) and can be used to replace a Fixed Height Joystick Clamp
 L - Part #1017612 is no longer available as a service part individually. Order item #8 as a replacement.

Tash and Therafin Accessories

NOTE: Used with (MK5 display or MPJ joystick) with SNPM4 Sip-N-Puff/Digital interface



P5018 Wafer Board



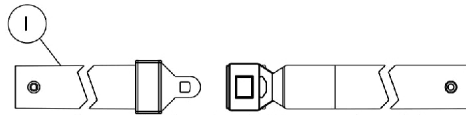
P5020 Mini Joystick with Push

SHEP_089A

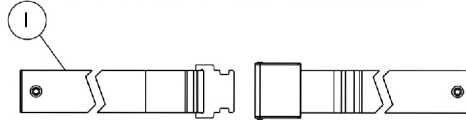
Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		P5018-NLA	NLA - Wafer Board (5018)	1	1
2		P5020-NLA	NLA - Mini Joystick with Push (5020)	1	1
	A	1142362	Bib Assembly (PKG32669)	1	1
	A,B	1140824	Kit, Sip-N-Puff, 16" Fixed (PKG32666)	1	1
			Includes: (3) Air Tube Straws, (2) Saliva Traps, Tubing, Pivot Shaft/Flexible Metal Gooseneck Assembly, and Extruded Figure "8" Clamp to fit 7/8" Wheelchair Frame Tubing. Extruded Back Cane Adapter Clamp.		
NOTE: A - Not Shown B - See items included.					
For more information on Tash and Therafin products, please contact one of our Rehab Specialists.					

Miscellaneous Accessories

NOTE: Chest Positioning Straps share the same hardware that attaches a Back Upholstery



Auto Style Push Button Buckle

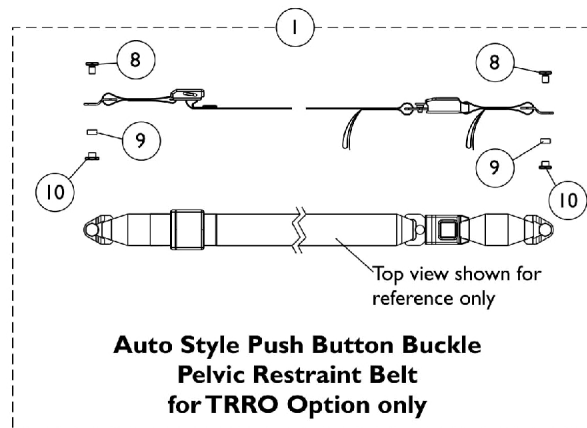


Airline Style Buckle Positioning Strap

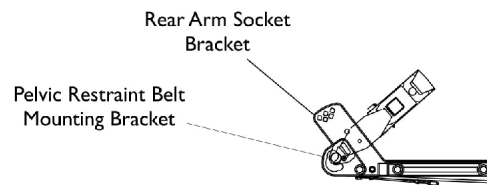


Hook and Loop Style Buckle Positioning Strap

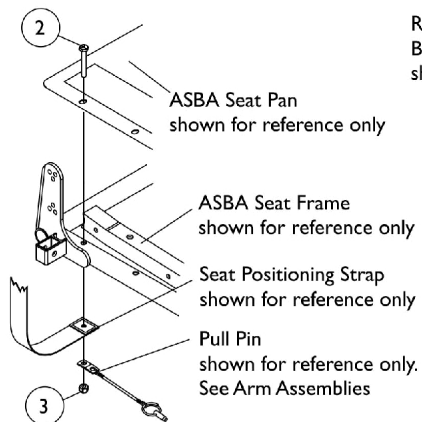
**Positioning Straps
(For ASBA and ADJASBA Seating
without TRRO Option)**



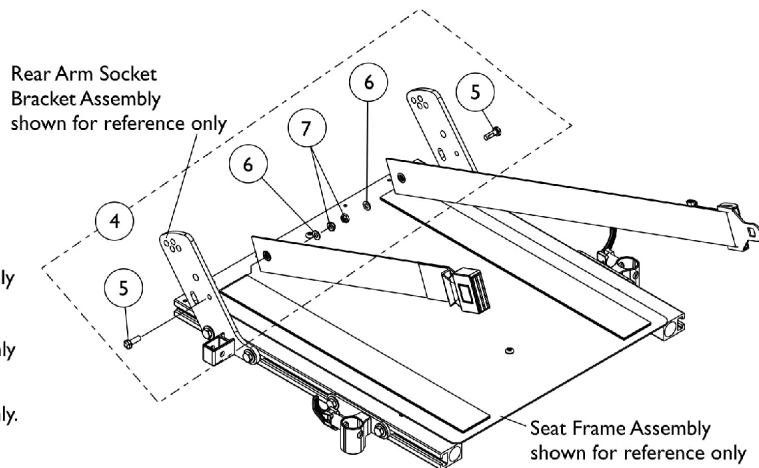
**Auto Style Push Button Buckle
Pelvic Restraint Belt
for TRRO Option only**



**Pelvic Restraint Belt Mounting Location
(For ADJASBA Seating w/ TRRO Option)**



**Seat Positioning Strap
Mounting Hardware
(For ASBA Seating)**



**Seat Positioning Strap
Mounting Hardware
(For ADJASBA Seating)**

Miscellaneous Accessories

NOTE: Chest Positioning Straps share the same hardware that attaches a Back Upholstery

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	C	See Chart	#1 Auto Style Push Button Positioning Strap	1	1
1		See Chart	#1 Airline Style Positioning Strap	1	1
1		See Chart	#1 Hook and Loop Style Positioning Strap	1	1
1		See Chart	#1 Pelvic Restraint Belt w/ Auto Style Buckle (TRRO Option Only)	1	1
2	A	1037610	Screw, Hex Head (1/4-20 x 1-5/8")	1	2
3		1025736	Locknut (1/4-20)	1	2
4		1124385	Kit, Seat Positioning Strap Mounting Hardware (both LT & RT sides)	1	1
5			Screw, Hex Head w/ Patch (1/4-20 x 3/4")	1	2
6			Washer (1/4 x 1/2 x 1/16")	1	2
7			Locknut (1/4-20)	1	2
8		1134055-NLA	NLA - Screw, Hex Head (3/8-24 x 5/8")	1	2
9		1134054-NLA	NLA - Bushing, Nylon (1/2 x 9/16 x 9/32")	1	2
10	B	1134056-NLA	NLA - Nut, Barrel (3/8-24)	1	2
		40176X010-NLA	NLA - Pump, Tire	1	1
NOTE: A - Includes items 5-7 B - Not Shown C - Before ordering a replacement Pelvic Restraint Belt for TRRO Option, Please read the information provided on page titled "TRRO and TRBKTS Option Clarification Reference" page					

#1 Auto Style Push Button Positioning Strap

Chair Width	Part Number	Seat/Chest Positioning Strap w/ Auto Style Buckle Length (Eyelet to Eyelet)
16" - 19" Wide	1004310	48" L
20" Wide	1034625	61" L

#1 Airline Style Positioning Strap

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

Miscellaneous Accessories

NOTE: Chest Positioning Straps share the same hardware that attaches a Back Upholstery

#1 Hook and Loop Style Positioning Strap

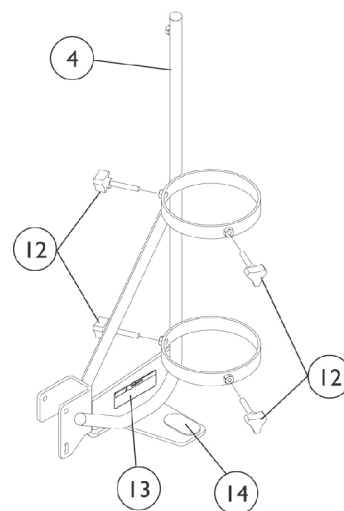
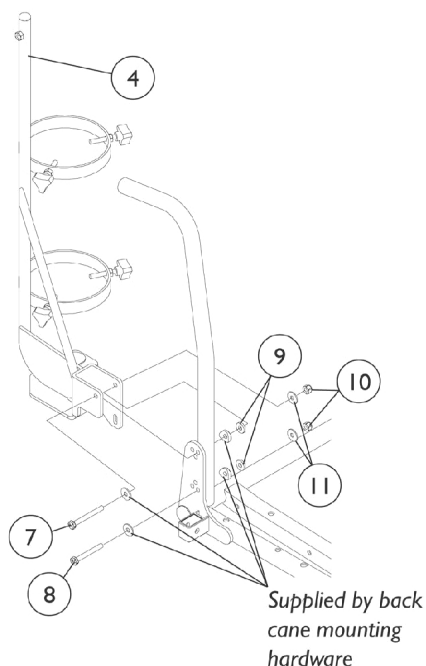
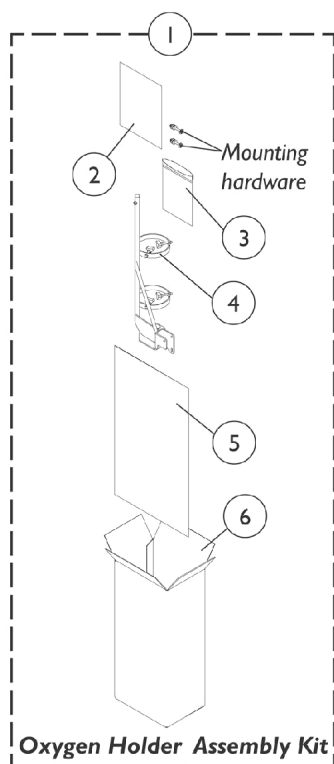
Chair Width	Part Number	Seat/Chest Positioning Strap w/ Hook and Loop Style Buckle Length (Eyelet to Eyelet)
16" - 19" Wide	1034744 See Note(s) A	45" L
20" Wide	1034745 See Note(s) A	61" L
NOTE: A - Hook and Loop Style Positioning Straps for power chairs used for chest positioning only.		

#1 Pelvic Restraint Belt w/ Auto Style Buckle (TRRO Option Only)

Chair Width	Part Number	Pelvic Restraint Belt w/ Auto Style Buckle Length For TRRO Option Only (Bushing Hole to Bushing Hole Length)
16" - 20" Wide	1134475-NLA See Note(s) A	37" L
NOTE: A - Includes the Pelvic Restraint Belt and items 8-10		

Oxygen Holder Assembly

ASBA Seats (Before 8/08/05)

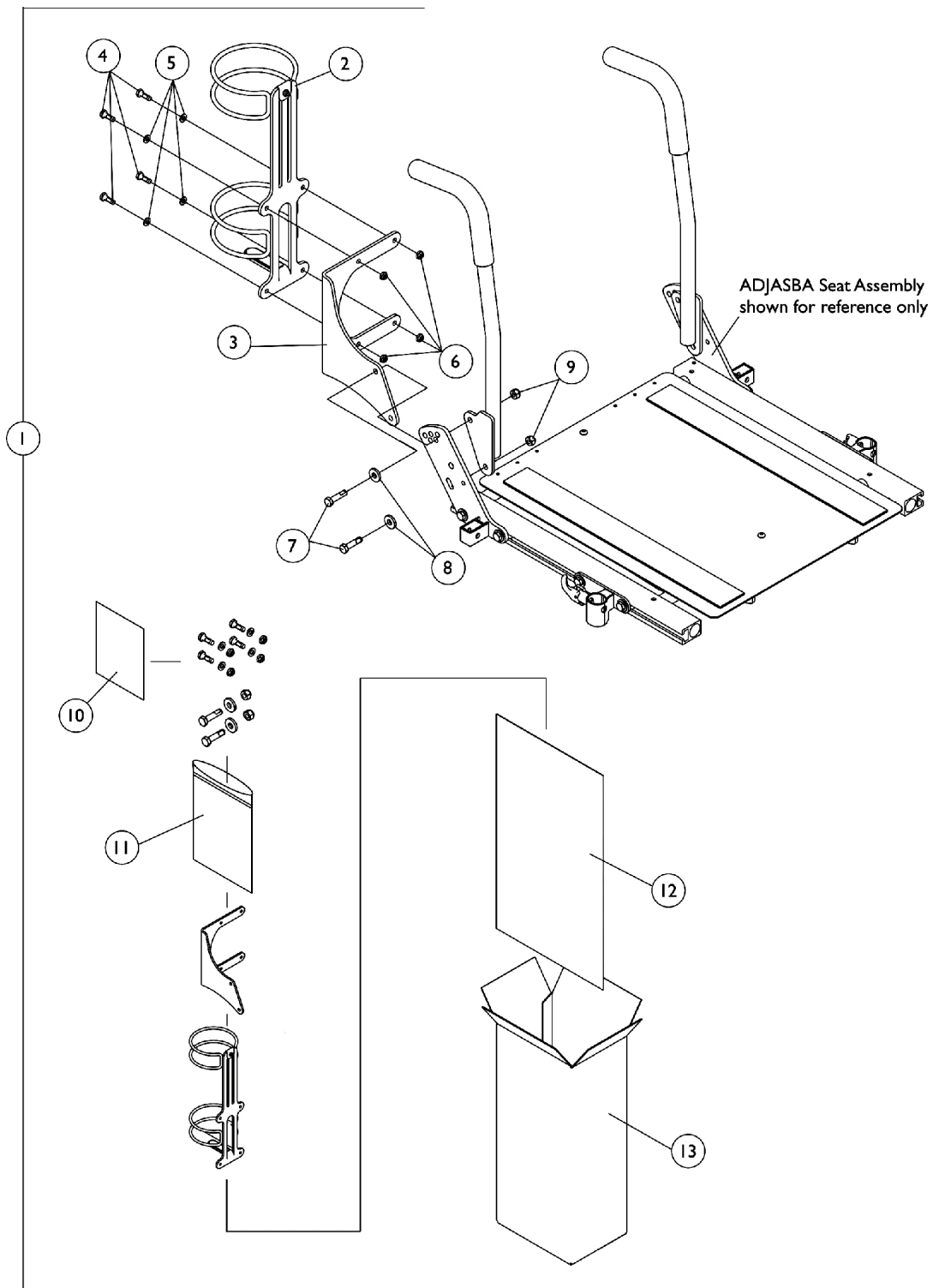


Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1098857-NLA	NLA - Oxygen Holder Assembly Kit	1	1
2	B	1098333-NLA	NLA - Instruction Sheet, Oxygen Holder	1	1
3		1021148-NLA	NLA - Bag, Poly Zip-Lip (8-3/4" L x 6" W)	1	1
4		See Item 1	Oxygen Holder	1	1
5		1021866-NLA	NLA - Bag, Poly (26" L x 15" W)	1	1
6		1097276-NLA	NLA - Carton, Shipper	1	1
7		1096839-NLA	NLA - Screw, Hex Head (1/4-20 x 2-1/4")	1	1
8		1096838-NLA	NLA - Screw, Hex Head (1/4-20 x 2")	1	1
9		1018739	Washer (1/4 x 5/8 x 3/32")	1	2
10		1025736	Locknut (1/4-20)	1	2
11		1026900	Washer (1/4 x 23/32 x 1/16")	1	2
12		1027684	Knob, Clamping, Black	1	4
13		1080866	Decal, Oxygen Warning - English	1	1
14		1072002-NLA	NLA - Pad, Non Skid	1	1

NOTE: A - Includes items 2-6 and 7-11
 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.

Oxygen Holder Assembly

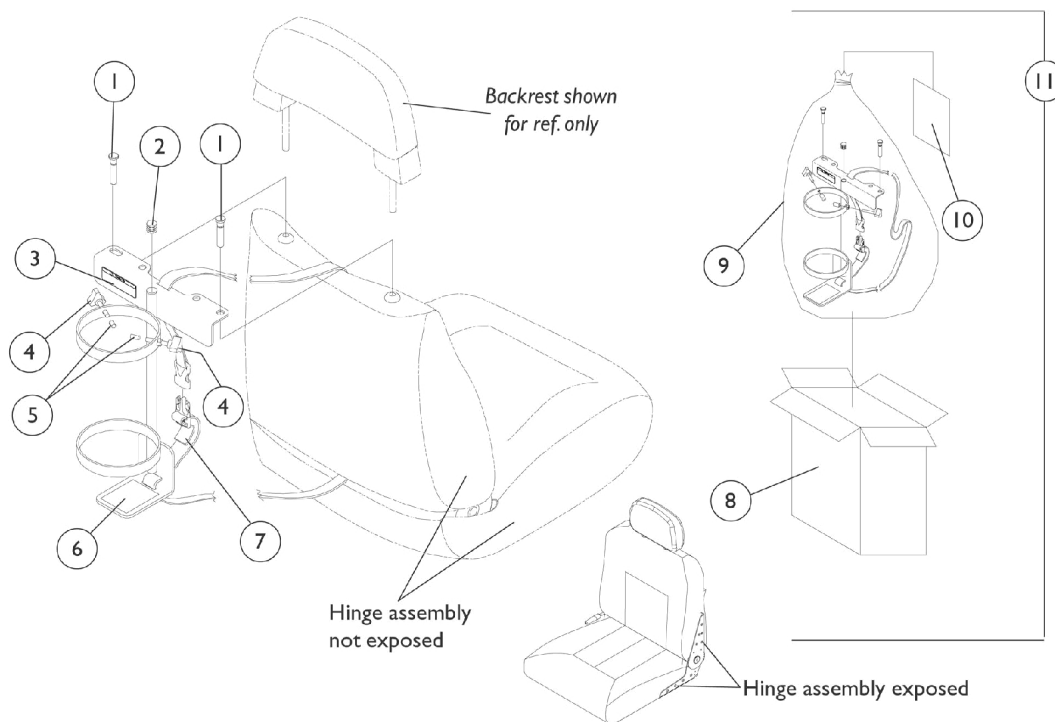
ADJASBA Seats (After 8/07/05)



Oxygen Holder Assembly ADJASBA Seats (After 8/07/05)

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1135504	Kit, Oxygen Holder Assembly For ADJASBA Seats	1	1
2			Holder, Oxygen	1	1
3			Bracket, Oxygen Holder (ASBA and ADJASBA Seats)	1	1
4			Screw, Hex Head w/ Patch (1/4-20 x 3/4")	1	4
5			Washer (1/4 x 1/2 x 1/16")	1	4
6			Locknut (1/4-20)	1	4
7			Screw, Hex Head w/ Patch (5/16-18 x 1-1/4")	1	2
8			Washer, Flat (21/64 x 53/64 x 7/64")	1	2
9			Locknut (5/16-18)	1	2
10			Instruction Sheet, Oxygen Holder For ADJASBA Seats	1	1
11			NLA - Bag, Poly Zip-Lip (8-3/4" L x 6" W)	1	1
12			NLA - Bag, Poly (26" L x 15" W)	1	1
13			NLA - Carton, Shipper	1	1
NOTE: A - Includes items 2-13					

Oxygen Holder Assembly Before 4/15/03 Van Seat



Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1080865-NLA	NLA - Pin, Oxygen Holder	1	2
2		1035614	Plug Button, Black (5/8")	1	1
3		1080866	Decal, Oxygen Warning - English	1	1
4		1027684	Knob, Clamping, Black	1	2
5		1086780-NLA	NLA - Package, Protective Cap	10	2
6		1073159-NLA	NLA - Pad, Non-Skid	1	1
7		1080872-NLA	NLA - Strap and Buckle Assembly	1	1
8		1083052-NLA	NLA - Carton, Shipper, Oxygen Holder	1	1
9		2000454-NLA	NLA - Bag, Poly (39" L x 33" W)	1	1
10		1080869-NLA	NLA - Instruction Sheet, Oxygen Holder	1	1
11	B,C	1080870-NLA	NLA - Oxygen Holder Assembly with Instruction Sheet	1	1

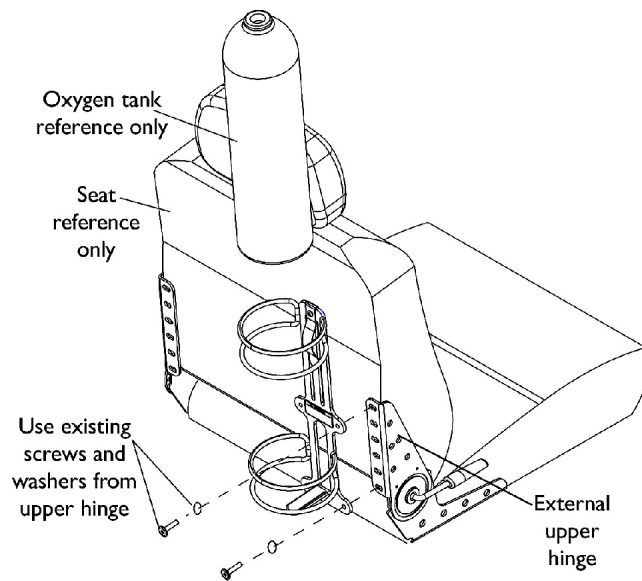
NOTE: A - Oxygen holder pins are to be used when backrest is absent.

B - Includes items 1-10

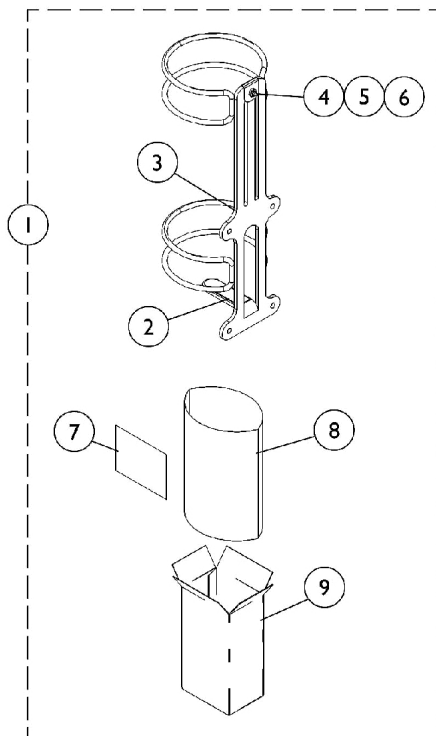
C - Due to product improvement, see oxygen holder assemblies dated after 4/14/03 that will accommodate both (exposed and non-exposed) captain seat hinge assemblies. Special orders are no longer needed for exposed hinge assembly models.

Oxygen Holder Assembly After 4/14/03

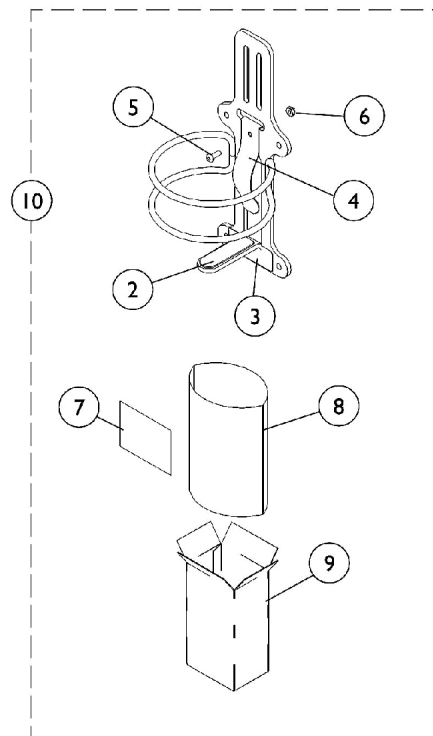
Van Seat



Installing on Seat with External Hinge



O2 Holder D or E size tanks



O2 Holder Home Filled Tank (HFO2-ML6)

Oxygen Holder Assembly After 4/14/03 Van Seat

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.					

Power Wheelchair Tool Kit

I



**Multimeter
with Leads**



**Grounding
Wire**



**1" Test
Leads**



**Protractor/Angle
Locator**



**Invacare
Pen Light**



**Invacare
Tape Measure**



**Invacare
Phillips/Flat Head
Screwdriver**



MKIV Programmer



**Virtual Service
Charger Cable**

Power Wheelchair Tool Kit

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1125222-NLA	NLA - Kit, Power Wheelchair Tool Includes: 1 ea. Multimeter with Leads 1 ea. Locator, Protractor/Angle Magnetic Base 1 ea. Instructions, MKIV Programmer 1 ea. Wire, Grounding with Hand Strap and Clip 1 ea. Leads, 1" Test 1 ea. Light, Pen with Invacare Logo 1 ea. Tape Measure, Compact with Invacare Logo 1 ea. Screwdriver, Pen-Size Phillips/Flat Head 1 ea. Cable, Virtual Service Charger/Modem	1	1

Warranty Replacement Parts

Part No.	Description	QTY per Assembly
1123249E-NLA See Note(s) A, B	WARR RPLMT - Charger, Battery, 8 Amp. 115vac (Off Board) Single Mode Round Plug w/ AC Power Line Cord, CTE Corp.	1
1106820E-NLA See Note(s) A	WARR RPLMT - Controller, MKIV RII	1
1118923E-NLA See Note(s) B	WARR RPLMT - Charger, Battery with Power Cord 3 Amp, On-Board	1
1123954E-NLA See Note(s) C	WARR RPLMT - Motor, High Speed w/ Gearbox & Cable Extension - Right	1
1123955E-NLA See Note(s) C	WARR RPLMT - Motor, High Speed w/ Gearbox & Cable Extension - Left	1
1109530E-NLA See Note(s) D	WARR RPLMT - Controller, MK5 NX	1
NOTE: A - See Category "Electronics - MKIV Controller - Programmer & Battery Charger (Before 6/27/03)" for additional information. B - See Category "Electronics - MK5 Controllers - Cables - Programming & Battery Charger (After 6/26/03)" for additional information. C - See Category "Motors - Gear Box & Drive Wheel (After 6/26/03)" for additional information. D - See category "Electronics - MK5 Controllers - Cables - Programmer & Battery Charger (After 6/26/03)" for additional information.		

Invacare Corporation

www.invacare.com



Yes, you can.

One Invacare Way
Elyria, Oh USA
44036-2125
800-333-6900

Technical Support
800-832-4707
Customer Service
800-333-6900

Customer Service
800-333-6900

© 2022 Invacare Corporation. All rights reserved. Republication, duplication or modification in whole or in part is prohibited without prior written permission from Invacare. Trademarks are identified by ™ and ®. All trademarks are owned by or licensed to Invacare Corporation or its subsidiaries unless otherwise noted.
(Revised 11/01/22)

Form No. 01-229