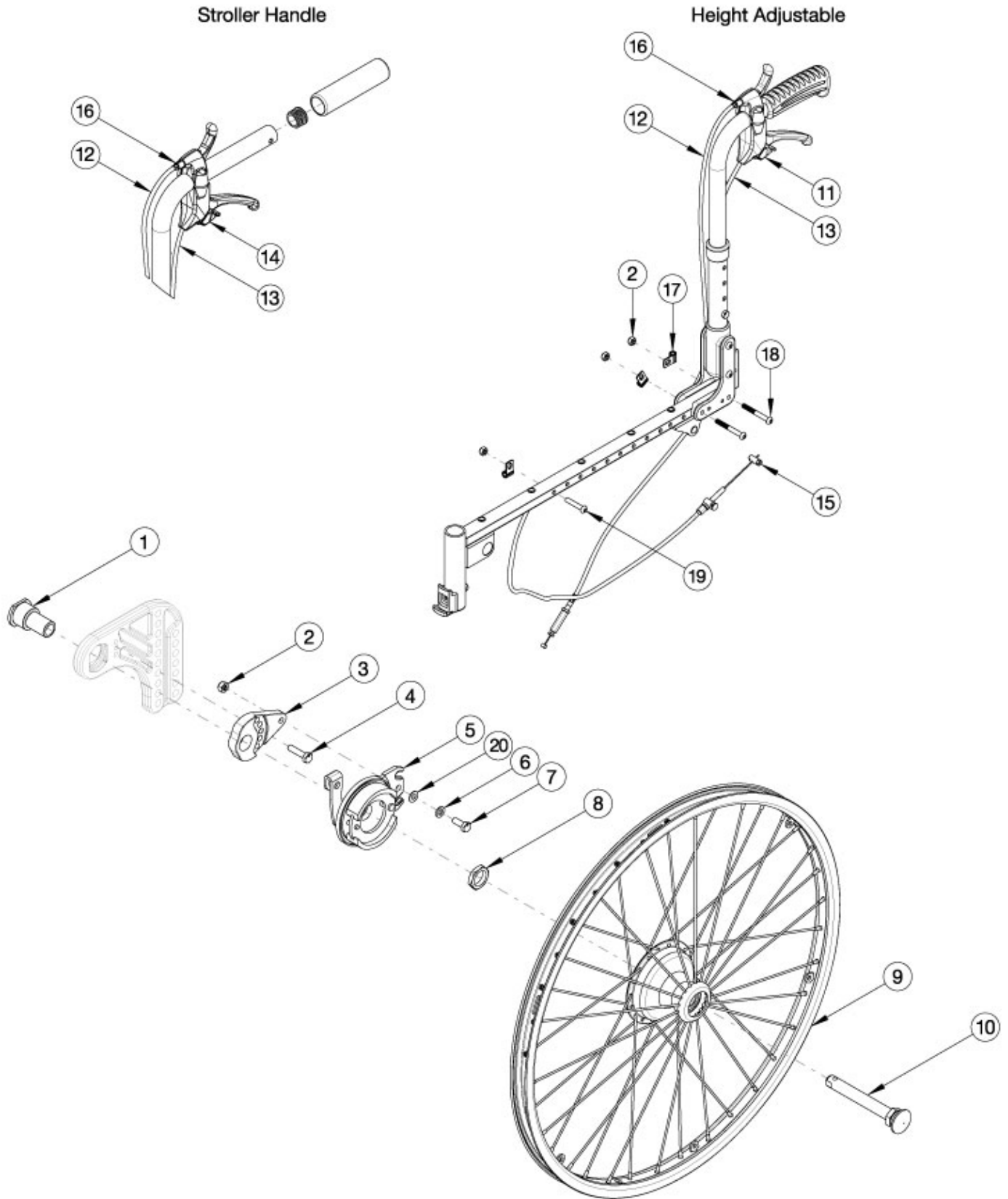


Liberty Drum Brake



For complete retrofit, quote a drum brake retrofit kit, drum brake cable retrofit kit, rear tires and handrims. If changing seat depth, new drum brake cables and/or hand tilt cables may be required.

Item Number	Part Number	Description	Quantity
1 - 4, 5a, 5b, 6 - 8, 9a, 10, 15, 17-20	113806	Drum Brake, 20" MAXX Spoke, Retrofit Kit, PAIR, Liberty <i>Does not contain rear tires or handrims</i>	1
1 - 4, 5a, 5b, 6 - 8, 9b, 10, 15, 17-20	113807	Drum Brake, 22" MAXX Spoke, Retrofit Kit, PAIR, Liberty <i>Does not contain rear tires or handrims</i>	1
1 - 4, 5a, 5b, 6 - 8, 9c, 10, 15, 17-20	113808	Drum Brake, 24" MAXX Spoke, Retrofit Kit, PAIR, Liberty <i>Does not contain rear tires or handrims</i>	1
1 - 4, 5a, 5b, 6 - 8, 9c, 10, 15, 17-20	118249	Drum Brake, 24" MAXX Spoke, Retrofit Kit, PAIR, Pneumatic with Airless Insert Tire (Black), Liberty <i>Replaced kit number 116576</i>	1
11, 12a, 13a, 15, 16	113809	Drum Brake Cable Retrofit Kit, 14/15" Deep, Short Depth Range, Height Adj Short Back, PAIR, Liberty	1
11, 12a, 13b, 15, 16	113810	Drum Brake Cable Retrofit Kit, 16" Deep, Short Depth Range, Height Adj Short Back, PAIR, Liberty	1
11, 12b, 13b, 15, 16	113811	Drum Brake Cable Retrofit Kit, 16/17" Deep, Medium Depth Range, Height Adj Short Back, PAIR, Liberty	1
11, 12b, 13c, 15, 16	113812	Drum Brake Cable Retrofit Kit, 18" Deep, Medium Depth Range, Height Adj Short Back, PAIR, Liberty	1
11, 12c, 13c, 15, 16	113813	Drum Brake Cable Retrofit Kit, 18/19" Deep, Long Depth Range, Height Adj Short Back, PAIR, Liberty	1
11, 12c, 13d, 15, 16	113814	Drum Brake Cable Retrofit Kit, 20" Deep, Long Depth Range, Height Adj Short Back, PAIR, Liberty	1
11, 12b, 13a, 15, 16	113815	Drum Brake Cable Retrofit Kit, 14" Deep, Short Depth Range, Height Adj Medium Back, PAIR, Liberty	1
11, 12b, 13b, 15, 16	113816	Drum Brake Cable Retrofit Kit, 15/16" Deep, Short Depth Range, Height Adj Medium Back, PAIR, Liberty	1
11, 12c, 13b, 15, 16	113817	Drum Brake Cable Retrofit Kit, 16" Deep, Medium Depth Range, Height Adj Medium Back, PAIR, Liberty	1
11, 12c, 13c, 15, 16	113818	Drum Brake Cable Retrofit Kit, 17/18" Deep, Medium Depth Range, Height Adj Medium Back, PAIR, Liberty	1
11, 12d, 13c, 15, 16	113819	Drum Brake Cable Retrofit Kit, 18" Deep, Long Depth Range, Height Adj Medium Back, PAIR, Liberty	1
11, 12d, 13d, 15, 16	113820	Drum Brake Cable Retrofit Kit, 19/20" Deep, Long Depth Range, Height Adj Medium Back, PAIR, Liberty	1

Item Number	Part Number	Description	Quantity
11, 12c, 13b, 15, 16	113821	Drum Brake Cable Retrofit Kit, 14/15" Deep, Short Depth Range, Height Adj Tall Back, PAIR, Liberty	1
11, 12c, 13c, 15, 16	113822	Drum Brake Cable Retrofit Kit, 16" Deep, Short Depth Range, Height Adj Tall Back, PAIR, Liberty	1
11, 12d, 13c, 15, 16	113823	Drum Brake Cable Retrofit Kit, 16/17" Deep, Medium Depth Range, Height Adj Tall Back, PAIR, Liberty	1
11, 12d, 13d, 15, 16	113824	Drum Brake Cable Retrofit Kit, 18" Deep, Medium Depth Range, Height Adj Tall Back, PAIR, Liberty	1
11, 12e, 13d, 15, 16	113825	Drum Brake Cable Retrofit Kit, 18/19" Deep, Long Depth Range, Height Adj Tall Back, PAIR, Liberty	1
11, 12e, 13e, 15, 16	113826	Drum Brake Cable Retrofit Kit, 20" Deep, Long Depth Range, Height Adj Tall Back, PAIR, Liberty	1
12b, 13a, 14, 15, 16	113827	Drum Brake Cable Retrofit Kit, 14" Deep, Short Depth Range, Short Stroller Handle Back, PAIR, Liberty	1
12b, 13b, 14, 15, 16	113828	Drum Brake Cable Retrofit Kit, 15/16" Deep, Short Depth Range, Short Stroller Handle Back, PAIR, Liberty	1
12c, 13b, 14, 15, 16	113829	Drum Brake Cable Retrofit Kit, 16" Deep, Medium Depth Range, Short Stroller Handle Back, PAIR, Liberty	1
12c, 13c, 14, 15, 16	113830	Drum Brake Cable Retrofit Kit, 17/18" Deep, Medium Depth Range, Short Stroller Handle Back, PAIR, Liberty	1
12d, 13c, 14, 15, 16	113831	Drum Brake Cable Retrofit Kit, 18" Deep, Long Depth Range, Short Stroller Handle Back, PAIR, Liberty	1
12d, 13d, 14, 15, 16	113832	Drum Brake Cable Retrofit Kit, 19/20" Deep, Long Depth Range, Short Stroller Handle Back, PAIR, Liberty	1
12d, 13b, 14, 15, 16	113833	Drum Brake Cable Retrofit Kit, 14" Deep, Short Depth Range, Tall Stroller Handle Back, PAIR, Liberty	1
12d, 13c, 14, 15, 16	113834	Drum Brake Cable Retrofit Kit, 15/16" Deep, Short Depth Range, Tall Stroller Handle Back, PAIR, Liberty	1
12e, 13c, 14, 15, 16	113835	Drum Brake Cable Retrofit Kit, 16" Deep, Medium Depth Range, Tall Stroller Handle Back, PAIR, Liberty	1
12e, 13d, 14, 15, 16	113836	Drum Brake Cable Retrofit Kit, 17/18" Deep, Medium Depth Range, Tall Stroller Handle Back, PAIR, Liberty	1
12f, 13d, 14, 15, 16	113837	Drum Brake Cable Retrofit Kit, 18" Deep, Long Depth Range, Tall Stroller Handle Back, PAIR, Liberty	1
12f, 13e, 14, 15, 16	113838	Drum Brake Cable Retrofit Kit, 19/20" Deep, Long Depth Range, Tall Stroller Handle Back, PAIR, Liberty	1
11, 12a, 13a, 15, 16	122750	Drum Brake Cable Retrofit Kit, 14/15" Deep, Short Depth Range, Height Adj Short Back, Single Side, Liberty	1
11, 12a, 13b, 15, 16	122751	Drum Brake Cable Retrofit Kit, 16" Deep, Short Depth Range, Height Adj Short Back, Single Side, Liberty	1

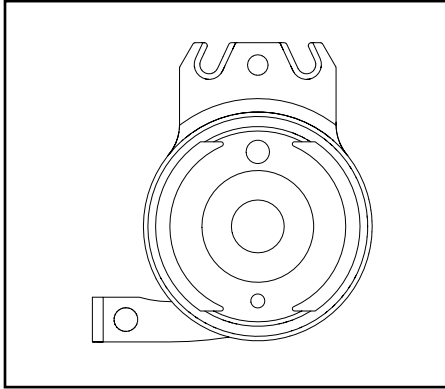
Item Number	Part Number	Description	Quantity
11, 12b, 13b, 15, 16	122752	Drum Brake Cable Retrofit Kit, 16/17" Deep, Medium Depth Range, Height Adj Short Back, Single Side, Liberty	1
11, 12b, 13c, 15, 16	122753	Drum Brake Cable Retrofit Kit, 18" Deep, Medium Depth Range, Height Adj Short Back, Single Side, Liberty	1
11, 12c, 13c, 15, 16	122754	Drum Brake Cable Retrofit Kit, 18/19" Deep, Long Depth Range, Height Adj Short Back, Single Side, Liberty	1
11, 12c, 13d, 15, 16	122755	Drum Brake Cable Retrofit Kit, 20" Deep, Long Depth Range, Height Adj Short Back, Single Side, Liberty	1
11, 12b, 13a, 15, 16	122756	Drum Brake Cable Retrofit Kit, 14" Deep, Short Depth Range, Height Adj Medium Back, Single Side, Liberty	1
11, 12b, 13b, 15, 16	122757	Drum Brake Cable Retrofit Kit, 15/16" Deep, Short Depth Range, Height Adj Medium Back, Single Side, Liberty	1
11, 12c, 13b, 15, 16	122758	Drum Brake Cable Retrofit Kit, 16" Deep, Medium Depth Range, Height Adj Medium Back, Single Side, Liberty	1
11, 12c, 13c, 15, 16	122759	Drum Brake Cable Retrofit Kit, 17/18" Deep, Medium Depth Range, Height Adj Medium Back, Single Side, Liberty	1
11, 12d, 13c, 15, 16	122760	Drum Brake Cable Retrofit Kit, 18" Deep, Long Depth Range, Height Adj Medium Back, Single Side, Liberty	1
11, 12d, 13d, 15, 16	122761	Drum Brake Cable Retrofit Kit, 19/20" Deep, Long Depth Range, Height Adj Medium Back, Single Side, Liberty	1
11, 12c, 13b, 15, 16	122762	Drum Brake Cable Retrofit Kit, 14/15" Deep, Short Depth Range, Height Adj Tall Back, Single Side, Liberty	1
11, 12c, 13c, 15, 16	122763	Drum Brake Cable Retrofit Kit, 16" Deep, Short Depth Range, Height Adj Tall Back, Single Side, Liberty	1
11, 12d, 13c, 15, 16	122764	Drum Brake Cable Retrofit Kit, 16/17" Deep, Medium Depth Range, Height Adj Tall Back, Single Side, Liberty	1
11, 12d, 13d, 15, 16	122765	Drum Brake Cable Retrofit Kit, 18" Deep, Medium Depth Range, Height Adj Tall Back, Single Side, Liberty	1
11, 12e, 13d, 15, 16	122766	Drum Brake Cable Retrofit Kit, 18/19" Deep, Long Depth Range, Height Adj Tall Back, Single Side, Liberty	1
11, 12e, 13e, 15, 16	122767	Drum Brake Cable Retrofit Kit, 20" Deep, Long Depth Range, Height Adj Tall Back, Single Side, Liberty	1
12b, 13a, 14, 15, 16	122768	Drum Brake Cable Retrofit Kit, 14" Deep, Short Depth Range, Short Stroller Handle Back, Single Side, Liberty	1
12b, 13b, 14, 15, 16	122769	Drum Brake Cable Retrofit Kit, 15/16" Deep, Short Depth Range, Short Stroller Handle Back, Single Side, Liberty	1
12c, 13b, 14, 15, 16	122770	Drum Brake Cable Retrofit Kit, 16" Deep, Medium Depth Range, Short Stroller Handle Back, Single Side, Liberty	1

Item Number	Part Number	Description	Quantity
12c, 13c, 14, 15, 16	122771	Drum Brake Cable Retrofit Kit, 17/18" Deep, Medium Depth Range, Short Stroller Handle Back, Single Side, Liberty	1
12d, 13c, 14, 15, 16	122740	Drum Brake Cable Retrofit Kit, 18" Deep, Long Depth Range, Short Stroller Handle Back Single Side Liberty	1
12d, 13d, 14, 15, 16	122772	Drum Brake Cable Retrofit Kit, 19/20" Deep, Long Depth Range, Short Stroller Handle Back, Single Side, Liberty	1
12d, 13b, 14, 15, 16	122773	Drum Brake Cable Retrofit Kit, 14" Deep, Short Depth Range, Tall Stroller Handle Back, Single Side, Liberty	1
12d, 13c, 14, 15, 16	122774	Drum Brake Cable Retrofit Kit, 15/16" Deep, Short Depth Range, Tall Stroller Handle Back, Single Side, Liberty	1
12e, 13c, 14, 15, 16	122775	Drum Brake Cable Retrofit Kit, 16" Deep, Medium Depth Range, Tall Stroller Handle Back, Single Side, Liberty	1
12e, 13d, 14, 15, 16	122776	Drum Brake Cable Retrofit Kit, 17/18" Deep, Medium Depth Range, Tall Stroller Handle Back, Single Side, Liberty	1
12f, 13d, 14, 15, 16	122777	Drum Brake Cable Retrofit Kit, 18" Deep, Long Depth Range, Tall Stroller Handle Back, Single Side, Liberty	1
12f, 13e, 14, 15, 16	122778	Drum Brake Cable Retrofit Kit, 19/20" Deep, Long Depth Range, Tall Stroller Handle Back, Single Side, Liberty	1
1, 2, 4, 5a, 5b, 6, 7, 8, 10, 15	113839	Drum Brake Rotor Kit with Hardware PAIR, Liberty	1
1, 2, 4, 5a, 6, 7, 8, 10, 15	113840	Drum Brake Rotor Kit with Hardware, Side B, Liberty	1
1, 2, 4, 5b, 6, 7, 8, 10, 15	113841	Drum Brake Rotor Kit with Hardware, Side A, Liberty	1
1, 2, 4, 6, 7, 8, 10, 15	113842	Hardware Kit for Drum Brake Rotor, PAIR, Liberty	1
1, 2, 4, 6, 7, 8, 10, 15	113843	Hardware Kit for Drum Brake Rotor, One Side, Liberty	1
3	110634	Adapter, Drum Brake, Liberty	2
6	100746	M6 Flat Washer Blk Zn	2
9a	111731	Wheel 20" MAXX Spoke, Drum Brake	2
9b	111732	Wheel 22" MAXX Spoke, Drum Brake	2
9c	111733	Wheel 24" MAXX Spoke, Drum Brake	2
9d	118358	24" Spoke for Drum Brake, Pneumatic w/ Airless Insert Tire (Black) <i>Replaced kit number 117432. Does not include the handrim. Quote handrim hardware if needed.</i>	2
10	103119	Axle Quick Release w/ Button 82mm	2
11	111736	Tilt and Drum Brake Lever, 22MM	2

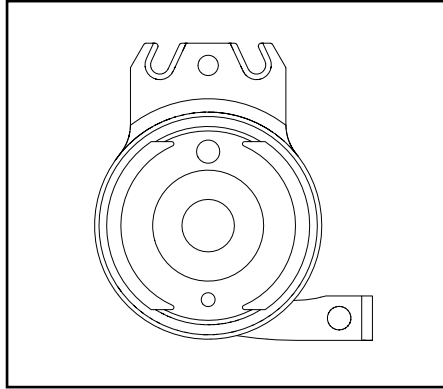
Item Number	Part Number	Description	Quantity
12a	112928	Cable, Tilt, for Drum Brake, Long, Liberty	2
12b	112929	Cable, Tilt, for Drum Brake, XL	2
12c	112930	Cable, Tilt, for Drum Brake, XXL	2
12d	112931	Cable, Tilt, for Drum Brake, XXXL	2
12e	112568	Cable, Tilt, for Drum Brake, 4XL, Liberty	2
12f	112569	Cable, Tilt, for Drum Brake, 5XL, Liberty	2
13a, 15	122729	Drum Brake / Hemi Wheel Lock XL Cable	2
13b, 15	122730	Cable, Drum Brake, XXL	2
13c, 15	122733	Cable, Drum Brake, 3XL	2
13d, 15	122734	Cable, Drum Brake, 4XL	2
13e, 15	122735	Cable, Drum Brake, 5XL	2
14	111737	Tilt and Drum Brake Lever, 25MM	2
15	111598	Pinch Bolt	2
17	001239	P-Clip 3/16"	6
18	101781	M6 x 50mm Partial Thread BHCS Blk ZC	4
19	102625	M6 X 30 BHCS BLK ZC	2
20	102803	Washer Flat .250 X .500 X .027 Hx Blz	1

Liberty FT Drum Brake Cable Usage							
Backrest Type & Height Range	Seat Depth						
	14"	15"	16"	17"	18"	19"	20"
Height Adjustable Straight, Short Height Adjustable 8° Bend, Short	XL (002471)	XL (002471)	2XL (002472)	2XL (002472)	3XL (111547)	3XL (111547)	4XL (111548)
Height Adjustable Straight, Medium Height Adjustable 8° Bend, Medium Stroller Handle, Short	XL (002471)	2XL (002472)	2XL (002472)	3XL (111547)	3XL (111547)	4XL (111548)	4XL (111548)
Height Adjustable Straight, Tall Height Adjustable 8° Bend, Tall	2XL (002472)	2XL (002472)	3XL (111547)	3XL (111547)	4XL (111548)	4XL (111548)	5XL (111549)
Stroller Handle, Tall	2XL (002472)	3XL (111547)	3XL (111547)	4XL (111548)	4XL (111548)	5XL (111549)	5XL (111549)

Liberty FT Tilt Cable Usage			
Backrest Type & Height Range	Seat Depth Range		
	Short (14" - 16")	Medium (16" - 18")	Long (18" - 20")
Height Adjustable Straight, Short Height Adjustable 8° Bend, Short	Long (112928)	XL (112929)	XXL (112930)
Height Adjustable Straight, Medium Height Adjustable 8° Bend, Medium Stroller Handle, Short	XL (112929)	XXL (112930)	XXXL (112931)
Height Adjustable Straight, Tall Height Adjustable 8° Bend, Tall	XXL (112930)	XXXL (112931)	4XL (112568)
Stroller Handle, Tall	XXXL (112931)	4XL (112568)	5XL (112569)

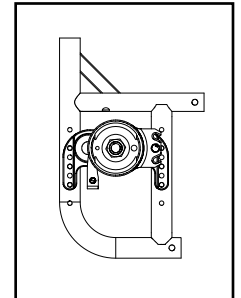
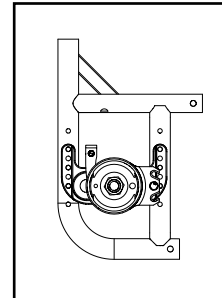


Rotor A - Part No. 111641



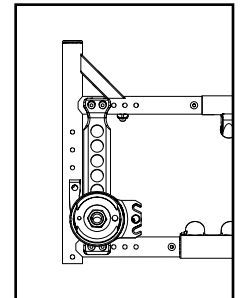
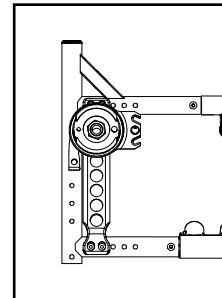
Rotor B - Part No. 111640

Catalyst 5		
Configuration	Left	Right
Axle plate curve up	B	A
Axle plate curve down	A	B



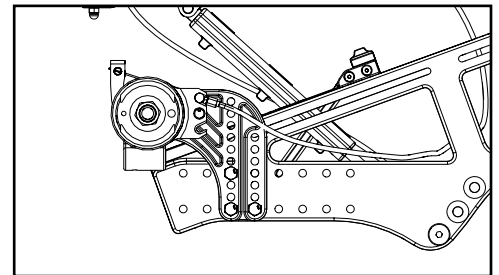
Left: Axle Plate Curve Up
Right: Axle Plate Curve Down

Catalyst 5VX		
Configuration	Left	Right
Axle Position holes 1-5 (top)	A	B
Axle Position holes 6-7 (bottom)	B	A

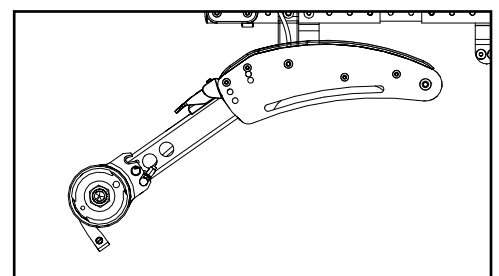


Left: Axle Position Top
Right: Axle Position Bottom

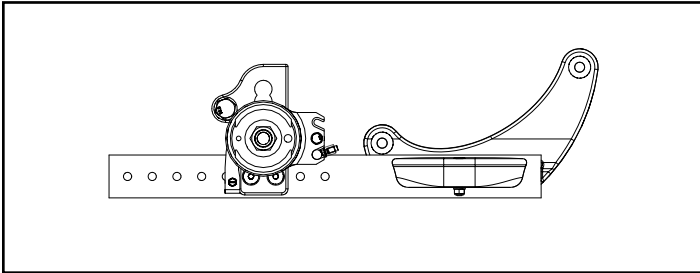
Liberty		
Configuration	Left	Right
All	B	A



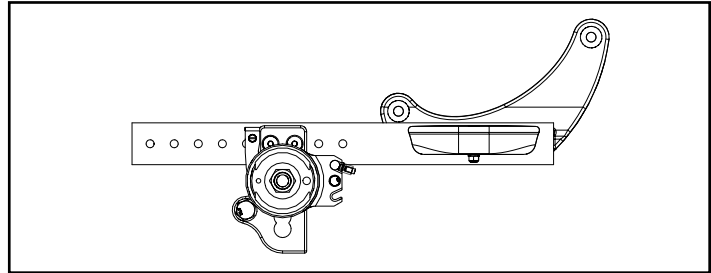
Flip		
Configuration	Left	Right
All	A	B



Focus		
Configuration	Left	Right
Standard (mounts above base frame)	A	B
Inverted (mounts below base frame)	B	A

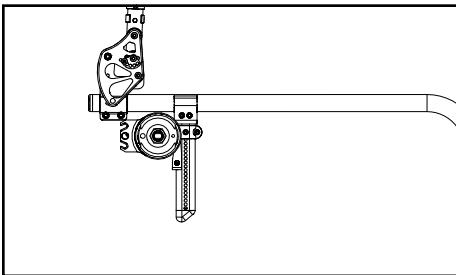


Standard Configuration

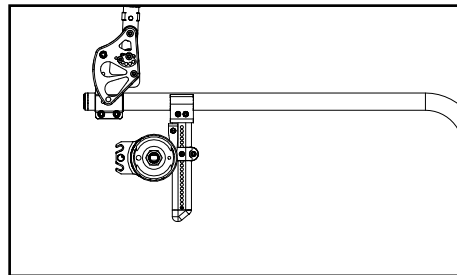


Inverted Configuration

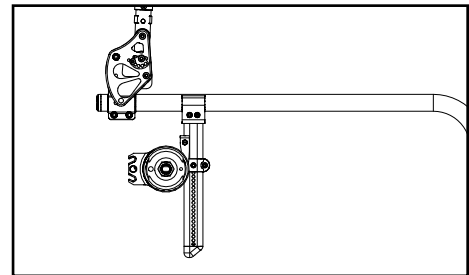
Rigid		
Configuration	Left	Right
Tower 000925 - upper holes (14 or more exposed below clamp)	B	A
Tower 000925 - lower holes (13 or fewer holes exposed below clamp)	A	B
Tower 000926 (all hole locations)	A	B



Tower 000925 - Upper Holes



Tower 000925 - Lower Holes



Tower 000926 - All Holes

Arc		
Configuration	Left	Right
All	B	A

