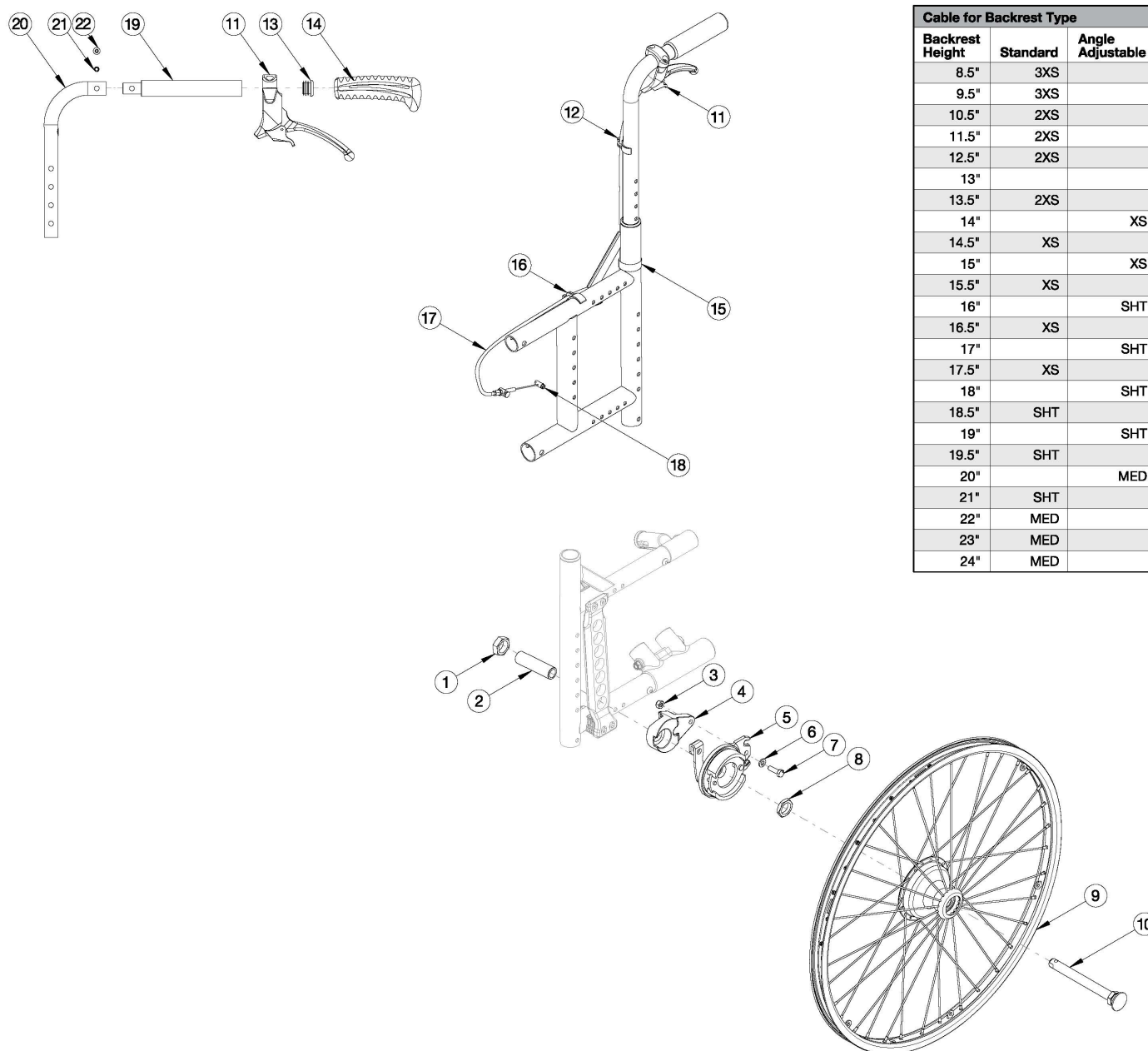


# Catalyst 5VX Drum Brake



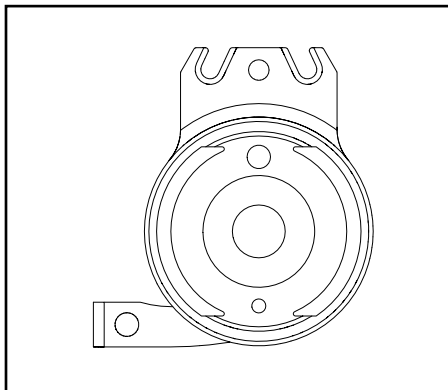
For a complete retrofit, quote a drum brake retrofit kit (qty 1), backtube kit (qty 2) and drum brake cable kit (qty 2). Most Drum Brake Retrofit Kits contain two wheels, but do not contain rear tires or handdrums. If 24" Pneumatic w/ Airless Insert tires are needed, please see kit 116569 which includes Pneumatic w/ Airless Insert tires and the inserts but no handdrums.

Item Number	Part Number	Description	Quantity
1 - 4, 5a, 5b, 7, 8, 9a, 10, 18	113322	Drum Brake Retrofit Kit 20" MAXX Spoke, Catalyst 5VX	1
1 - 4, 5a, 5b, 7, 8, 9b, 10, 18	113323	Drum Brake Retrofit Kit 22" MAXX Spoke, Catalyst 5VX	1
1 - 4, 5a, 5b, 7, 8, 9c, 10, 18	113324	Drum Brake Retrofit Kit 24" MAXX Spoke, Catalyst 5VX	1

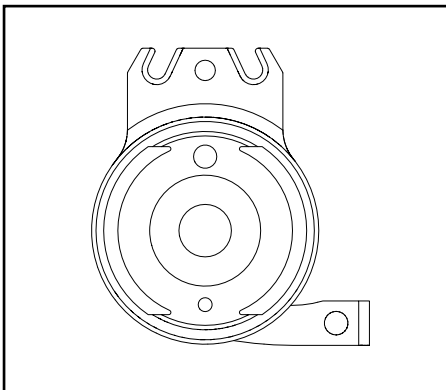
Item Number	Part Number	Description	Quantity
1 - 4, 5a, 5b, 7, 8, 9c, 10, 18	118239	Drum Brake Retrofit Kit 24" MAXX Spoke, Pneumatic w/ Airless Insert Tire (Black), Cat 5Vx <i>Replaced part number 116569</i>	1
13, 14, 19, 20a, 21, 22	113299	Backtube Straight w/ Push Handle Short with Backcane Extension, Drum Brake, Catalyst 5/VX	2
13, 14, 19, 20b, 21, 22	113300	Backtube Straight w/ Push Handle Medium with Backcane Extension, Drum Brake, Catalyst 5/VX	2
13, 14, 19, 20c, 21, 22	113301	Backtube Straight w/ Push Handle Tall with Backcane Extension, Drum Brake, Catalyst 5/VX	2
13, 14, 19, 20d, 21, 22	113302	Backtube 8° Bend w/ Push Handle Medium with Backcane Extension, Drum Brake, Catalyst 5/VX	2
13, 14, 19, 20e, 21, 22	113303	Backtube 8° Bend w/ Push Handle Tall with Backcane Extension, Drum Brake, Catalyst 5/VX	2
13, 14, 19, 20f, 21, 22	113304	Backtube Straight Half Folding Back Upper w/ Push Handle Short with Backcane Extension, Drum Brake, Catalyst 5/VX <i>This is just the upper backtube assembly. If the Half Folding Backrest is not already present, you will need this kit along with backrest hinge latch assemblies and lower tube found on the Catalyst Half Folding Backrest page.</i>	2
13, 14, 19, 20g, 21, 22	113305	Backtube Straight Half Folding Back Upper w/ Push Handle Tall with Backcane Extension, Drum Brake, Catalyst 5/VX <i>This is just the upper backtube assembly. If the Half Folding Backrest is not already present, you will need this kit along with backrest hinge latch assemblies and lower tube found on the Catalyst Half Folding Backrest page.</i>	2
13, 14, 19, 20h, 21, 22	113306	Backtube 8° Bend Half Folding Back Upper w/ Push Handle Short with Backcane Extension, Drum Brake, Catalyst 5/VX <i>This is just the upper backtube assembly. If the Half Folding Backrest is not already present, you will need this kit along with backrest hinge latch assemblies and lower tube found on the Catalyst Half Folding Backrest page.</i>	2
13, 14, 19, 20i, 21, 22	113307	Backtube 8° Bend Half Folding Back Upper w/ Push Handle Tall with Backcane Extension, Drum Brake, Catalyst 5/VX <i>This is just the upper backtube assembly. If the Half Folding Backrest is not already present, you will need this kit along with backrest hinge latch assemblies and lower tube found on the Catalyst Half Folding Backrest page.</i>	2
13, 14, 19, 20j, 21, 22	113315	Backtube Angle Adjustable Upper w/ Push Handle Short with Backcane Extension, Drum Brake, Catalyst 5/VX <i>This is just the upper backtube assembly. If the Angle Adjustable Backrest is not already present, you will need this kit along with the Angle Adjustable Back Post Lower Assembly found on the Catalyst Angle Adjustable Backrest page.</i>	2
13, 14, 19, 20k, 21, 22	113308	Backtube Angle Adjustable Upper w/ Push Handle Medium with Backcane Extension, Drum Brake, Catalyst 5/VX <i>This is just the upper backtube assembly. If the Angle Adjustable Backrest is not already present, you will need this kit along with the Angle Adjustable Back Post Lower Assembly found on the Catalyst Angle Adjustable Backrest page.</i>	2
13, 14, 19, 20l, 21, 22	113309	Backtube Angle Adjustable Upper w/ Push Handle Tall with Backcane Extension, Drum Brake, Catalyst 5/VX	2

Item Number	Part Number	Description	Quantity
		<i>This is just the upper backtube assembly. If the Angle Adjustable Backrest is not already present, you will need this kit along with the Angle Adjustable Back Post Lower Assembly found on the Catalyst Angle Adjustable Backrest page.</i>	
11, 12, 15, 16, 17a	113292	Drum Brake Cable Kit with Brake Lever for 7/8" Tubing, 3XS, Catalyst 5/VX <i>Used with Straight with Push Handle, 8° Bend with Push Handle, Angle Adjustable with Push Handle or Half Folding back posts.</i>	2
11, 12, 15, 16, 17b	113293	Drum Brake Cable Kit with Brake Lever for 7/8" Tubing, 2XS, Catalyst 5/VX <i>Used with Straight with Push Handle, 8° Bend with Push Handle, Angle Adjustable with Push Handle or Half Folding back posts.</i>	2
11, 12, 15, 16, 17c	113294	Drum Brake Cable Kit with Brake Lever for 7/8" Tubing, XS, Catalyst 5/VX <i>Used with Straight with Push Handle, 8° Bend with Push Handle, Angle Adjustable with Push Handle or Half Folding back posts.</i>	2
11, 12, 15, 16, 17d	113295	Drum Brake Cable Kit with Brake Lever for 7/8" Tubing, Short, Catalyst 5/VX <i>Used with Straight with Push Handle, 8° Bend with Push Handle, Angle Adjustable with Push Handle or Half Folding back posts.</i>	2
11, 12, 15, 16, 17e	113296	Drum Brake Cable Kit with Brake Lever for 7/8" Tubing, Medium, Catalyst 5/VX <i>Used with Straight with Push Handle, 8° Bend with Push Handle, Angle Adjustable with Push Handle or Half Folding back posts.</i>	2
1 - 4, 5a, 5b, 7, 8, 10, 18	113317	Drum Brake Rotor Kit with Hardware PAIR, Catalyst 5VX	1
1 - 4, 7, 8, 10, 18	113318	Hardware Kit for Drum Brake Rotor PAIR, Catalyst 5VX	1
1 - 4, 5a, 7, 8, 10, 18	113319	Drum Brake Rotor Kit with Hardware, Side B, Catalyst 5VX	1
1 - 4, 5b, 7, 8, 10, 18	113320	Drum Brake Rotor Kit with Hardware, Side A, Catalyst 5VX	1
1 - 4, 7, 8, 10, 18	113321	Hardware Kit for Drum Brake Rotor, One Side, Catalyst 5VX	1
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 part number 117432</i>	2
10	101191	Axle Quick Release w/ Button 1/2" x 110MM	2
11	111735	Brake Lever, Lock, Ang, 22mm	2
12	001118	Cable Clip 7/8"	2
15	111806	Cable Tie, 8"	2
16	001117	Cable Clip 1"	2

Item Number	Part Number	Description	Quantity
17a	111606	Cable, Drum Brake, 3XS	2
17b	111545	Cable, Drum Brake, 2XS	2
17c	111546	Cable, Drum Brake, XS	2
17d	002468	Cable, Drum Brake, Short	2
17e	002469	Cable, Drum Brake, Medium	2
18	111598	Drum Brake, Pinch Bolt	2



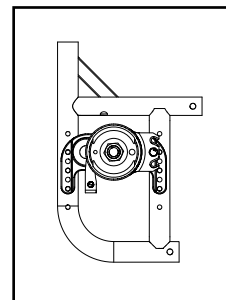
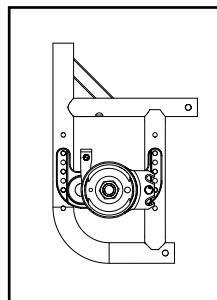
**Rotor A** - Part No. 111641



**Rotor B** - Part No. 111640

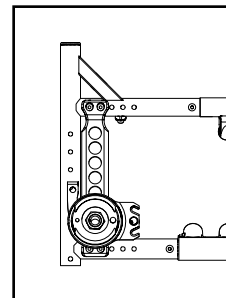
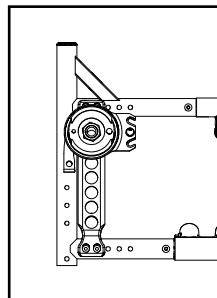
Catalyst 5		
Configuration	Left	Right
Axle plate curve up	B	A
Axle plate curve down	A	B

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

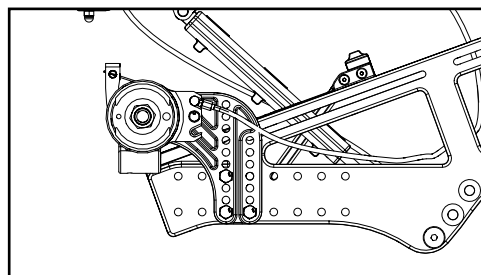


Catalyst 5VX		
Configuration	Left	Right
Axle Position holes 1-5 (top)	A	B
Axle Position holes 6-7 (bottom)	B	A

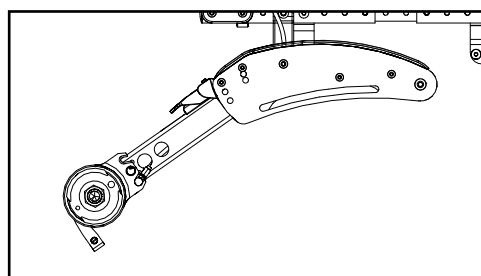
Left: Axle Position Top  
Right: Axle Position Bottom



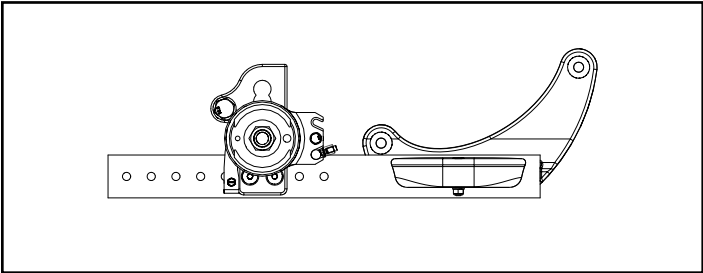
Liberty		
Configuration	Left	Right
All	B	A



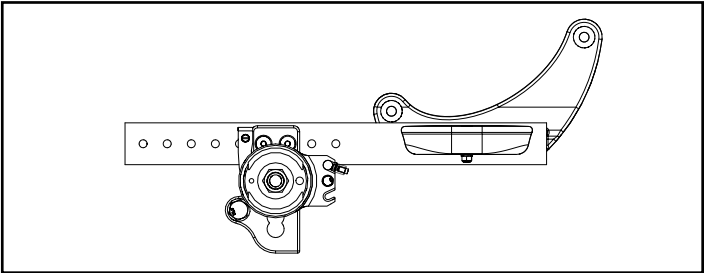
Flip		
Configuration	Left	Right
All	A	B



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

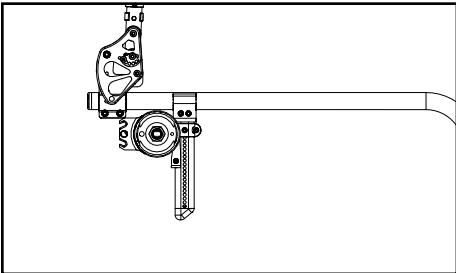


Standard Configuration

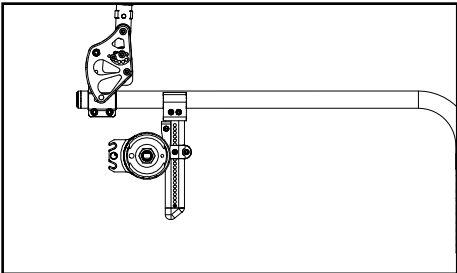


Inverted Configuration

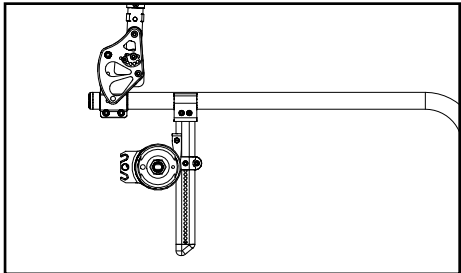
Rigid		
Configuration	Left	Right
Tower 000925 - upper holes (14 or more exposed below clamp)	B	A
Tower 000925 - lower holes (13 or fewer holes exposed below clamp)	A	B
Tower 000926 (all hole locations)	A	B



Tower 000925 - Upper Holes



Tower 000925 - Lower Holes



Tower 000926 - All Holes

Arc		
Configuration	Left	Right
All	B	A

