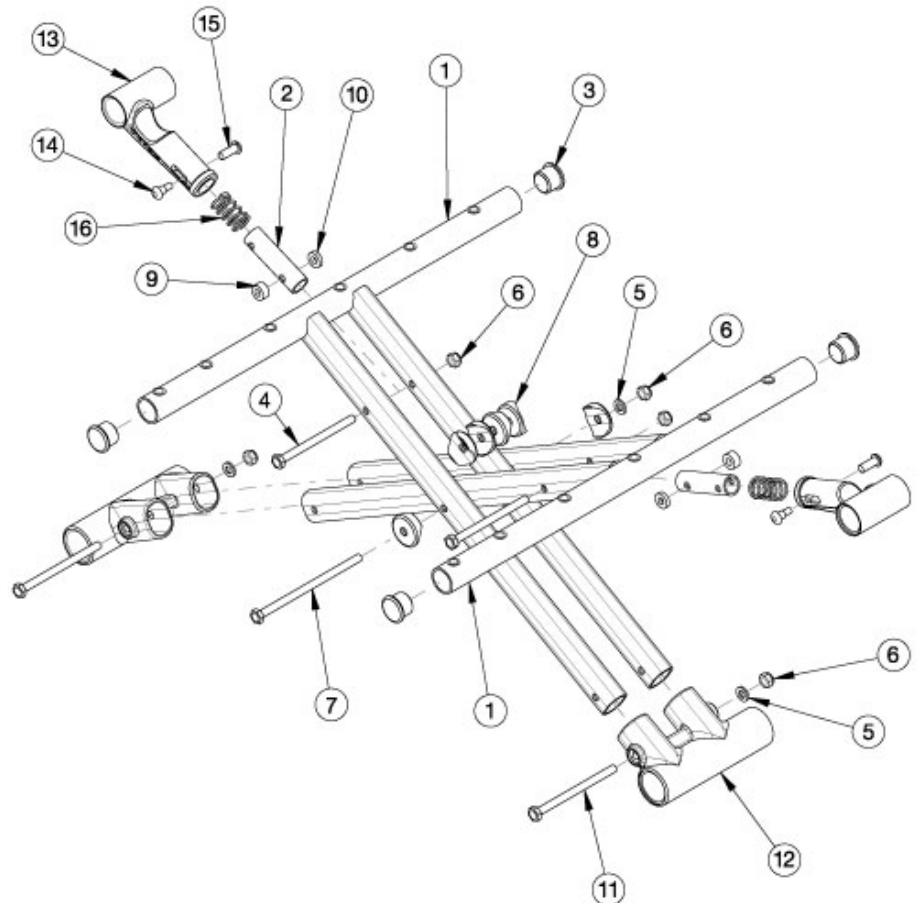


Catalyst Aluminum Cross Braces

Cross Brace Overall Width	
Seat Width	Cross Brace Measurement
14"-16"	Approx. 1" less than seat width
17"	Approx. 1.25" less than seat width
18"-21"	Approx. 1.5" less than seat width
22"	Approx. 1.75" less than seat width

Cross Brace Overall Depth	
Seat Depth	Cross Brace Measurement
14"-20"	Approx. 0.375" less than seat depth



Assembled cross brace kits do not include upper pivots, lower pivots, or seat upholstery. Pictured oval-style cross braces effective 4/13/16 on 21" and 22" wide chairs starting with serial numbers C4017705, C4HD002593, C5030818, C5HD002749, C5TH003679, and CVX0091137. Pictured oval-style cross braces effective 6/15/16 on 14" - 20" wide chairs starting with serial numbers C4018744, C4HD002701, C5032544, C5HD002834, and CVX0091137. When changing from round-style to oval-style cross braces, lower frame pivots and cross brace hardware are required. If converting from seating system cross braces to standard cross braces, new front and rear frames, seat hooks, lifting strap, seat sling, seat rails, and attaching screws are required.

Item Number	Part Number	Description	Quantity
1, 3-8, 11	121868	Assembled Cross Brace Kit, 14 W x 14 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121869	Assembled Cross Brace Kit, 14 W x 15 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121870	Assembled Cross Brace Kit, 14 W x 16 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121871	Assembled Cross Brace Kit, 14 W x 17 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121872	Assembled Cross Brace Kit, 14 W x 18 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121873	Assembled Cross Brace Kit, 14 W x 19 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121874	Assembled Cross Brace Kit, 14 W x 20 D, Catalyst 4/4C/5/5Ti/5Vx	1

Item Number	Part Number	Description	Quantity
1, 3-8, 11	121875	Assembled Cross Brace Kit, 15 W x 14 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121876	Assembled Cross Brace Kit, 15 W x 15 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121877	Assembled Cross Brace Kit, 15 W x 16 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121878	Assembled Cross Brace Kit, 15 W x 17 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121879	Assembled Cross Brace Kit, 15 W x 18 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121880	Assembled Cross Brace Kit, 15 W x 19 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121881	Assembled Cross Brace Kit, 15 W x 20 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121882	Assembled Cross Brace Kit, 16 W x 14 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121883	Assembled Cross Brace Kit, 16 W x 15 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121884	Assembled Cross Brace Kit, 16 W x 16 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121885	Assembled Cross Brace Kit, 16 W x 17 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121886	Assembled Cross Brace Kit, 16 W x 18 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121887	Assembled Cross Brace Kit, 16 W x 19 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121888	Assembled Cross Brace Kit, 16 W x 20 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121889	Assembled Cross Brace Kit, 17 W x 14 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121890	Assembled Cross Brace Kit, 17 W x 15 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121891	Assembled Cross Brace Kit, 17 W x 16 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121892	Assembled Cross Brace Kit, 17 W x 17 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121893	Assembled Cross Brace Kit, 17 W x 18 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121894	Assembled Cross Brace Kit, 17 W x 19 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121895	Assembled Cross Brace Kit, 17 W x 20 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121896	Assembled Cross Brace Kit, 18 W x 14 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121897	Assembled Cross Brace Kit, 18 W x 15 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121898	Assembled Cross Brace Kit, 18 W x 16 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121899	Assembled Cross Brace Kit, 18 W x 17 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121900	Assembled Cross Brace Kit, 18 W x 18 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121901	Assembled Cross Brace Kit, 18 W x 19 D, Catalyst 4/4C/5/5Ti/5Vx	1

Item Number	Part Number	Description	Quantity
1, 3-8, 11	121902	Assembled Cross Brace Kit, 18 W x 20 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121903	Assembled Cross Brace Kit, 19 W x 14 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121904	Assembled Cross Brace Kit, 19 W x 15 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121905	Assembled Cross Brace Kit, 19 W x 16 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121906	Assembled Cross Brace Kit, 19 W x 17 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121907	Assembled Cross Brace Kit, 19 W x 18 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121908	Assembled Cross Brace Kit, 19 W x 19 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121909	Assembled Cross Brace Kit, 19 W x 20 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121910	Assembled Cross Brace Kit, 20 W x 14 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121911	Assembled Cross Brace Kit, 20 W x 15 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121912	Assembled Cross Brace Kit, 20 W x 16 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121913	Assembled Cross Brace Kit, 20 W x 17 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121914	Assembled Cross Brace Kit, 20 W x 18 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121915	Assembled Cross Brace Kit, 20 W x 19 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121916	Assembled Cross Brace Kit, 20 W x 20 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121917	Assembled Cross Brace Kit, 21 W x 14 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121918	Assembled Cross Brace Kit, 21 W x 15 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121919	Assembled Cross Brace Kit, 21 W x 16 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121920	Assembled Cross Brace Kit, 21 W x 17 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121921	Assembled Cross Brace Kit, 21 W x 18 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121922	Assembled Cross Brace Kit, 21 W x 19 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	121923	Assembled Cross Brace Kit, 21 W x 20 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	122208	Assembled Cross Brace Kit, 22 W x 14 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	122209	Assembled Cross Brace Kit, 22 W x 15 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	122210	Assembled Cross Brace Kit, 22 W x 16 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	122211	Assembled Cross Brace Kit, 22 W x 17 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	122212	Assembled Cross Brace Kit, 22 W x 18 D, Catalyst 4/4C/5/5Ti/5Vx	1

Item Number	Part Number	Description	Quantity
1, 3-8, 11	122213	Assembled Cross Brace Kit, 22 W x 19 D, Catalyst 4/4C/5/5Ti/5Vx	1
1, 3-8, 11	122214	Assembled Cross Brace Kit, 22 W x 20 D, Catalyst 4/4C/5/5Ti/5Vx	1
2a, 13a, 14-16	500024	Upper Pivot Assembly 14" Width <i>Measures Approximately 4.5"</i>	2
2b, 13b, 14-16	500025	Upper Pivot Assembly 15" Width <i>Measures Approximately 5"</i>	2
2c, 13b, 14-16	500026	Upper Pivot Assembly 16" Width <i>Measures Approximately 5.5"</i>	2
2d, 13b, 14-16	500027	Upper Pivot Assembly 17" Width <i>Measures Approximately 6"</i>	2
2e, 13b, 14-16	500028	Upper Pivot Assembly 18" Width <i>Measures Approximately 6.5"</i>	2
2f, 13b, 14-16	500029	Upper Pivot Assembly 19" Width <i>Measures Approximately 7"</i>	2
2g, 13b, 14-16	500030	Upper Pivot Assembly 20" Width <i>Measures Approximately 7.25"</i>	2
2h, 13b, 14-16	501479	Upper Pivot Assembly 21/22" Width <i>Measures Approximately 8.25"</i>	2
4-8, 11, 12	107296	Lower Frame Pivot and Catalyst Oval-Style Cross Brace Hardware Kit 14" Wide (Pair)	1
4-12	502177	Lower Frame Pivot and Catalyst Oval-Style Cross Brace Hardware Kit (Pair)	1
4-11	503320	Catalyst Cross Brace Hardware Kit	1
1a, 3	121924	Catalyst Cross Brace, Aluminum, 14 x 14, PAIR	1
1b, 3	121925	Catalyst Cross Brace, Aluminum, 14 x 15, PAIR	1
1c, 3	121926	Catalyst Cross Brace, Aluminum, 14 x 16, PAIR	1
1d, 3	121927	Catalyst Cross Brace, Aluminum, 14 x 17, PAIR	1
1e, 3	121928	Catalyst Cross Brace, Aluminum, 14 x 18, PAIR	1
1f, 3	121929	Catalyst Cross Brace, Aluminum, 14 x 19, PAIR	1
1g, 3	121930	Catalyst Cross Brace, Aluminum, 14 x 20, PAIR	1
1h, 3	121931	Catalyst Cross Brace, Aluminum, 15 x 14, PAIR	1
1i, 3	121932	Catalyst Cross Brace, Aluminum, 15 x 15, PAIR	1
1j, 3	121933	Catalyst Cross Brace, Aluminum, 15 x 16, PAIR	1

Item Number	Part Number	Description	Quantity
1k, 3	121934	Catalyst Cross Brace, Aluminum, 15 x 17, PAIR	1
1l, 3	121935	Catalyst Cross Brace, Aluminum, 15 x 18, PAIR	1
1m, 3	121936	Catalyst Cross Brace, Aluminum, 15 x 19, PAIR	1
1n, 3	121937	Catalyst Cross Brace, Aluminum, 15 x 20, PAIR	1
1o, 3	121938	Catalyst Cross Brace, Aluminum, 16 x 14, PAIR	1
1p, 3	121939	Catalyst Cross Brace, Aluminum, 16 x 15, PAIR	1
1q, 3	121940	Catalyst Cross Brace, Aluminum, 16 x 16, PAIR	1
1r, 3	121941	Catalyst Cross Brace, Aluminum, 16 x 17, PAIR	1
1s, 3	121942	Catalyst Cross Brace, Aluminum, 16 x 18, PAIR	1
1t, 3	121943	Catalyst Cross Brace, Aluminum, 16 x 19, PAIR	1
1u, 3	121944	Catalyst Cross Brace, Aluminum, 16 x 20, PAIR	1
1v, 3	121945	Catalyst Cross Brace, Aluminum, 17 x 14, PAIR	1
1w, 3	121946	Catalyst Cross Brace, Aluminum, 17 x 15, PAIR	1
1x, 3	121947	Catalyst Cross Brace, Aluminum, 17 x 16, PAIR	1
1y, 3	121948	Catalyst Cross Brace, Aluminum, 17 x 17, PAIR	1
1z, 3	121949	Catalyst Cross Brace, Aluminum, 17 x 18, PAIR	1
1aa, 3	121950	Catalyst Cross Brace, Aluminum, 17 x 19, PAIR	1
1ab, 3	121951	Catalyst Cross Brace, Aluminum, 17 x 20, PAIR	1
1ac, 3	121952	Catalyst Cross Brace, Aluminum, 18 x 14, PAIR	1
1ad, 3	121953	Catalyst Cross Brace, Aluminum, 18 x 15, PAIR	1
1ae, 3	121954	Catalyst Cross Brace, Aluminum, 18 x 16, PAIR	1
1af, 3	121955	Catalyst Cross Brace, Aluminum, 18 x 17, PAIR	1
1ag, 3	121956	Catalyst Cross Brace, Aluminum, 18 x 18, PAIR	1
1ah, 3	121957	Catalyst Cross Brace, Aluminum, 18 x 19, PAIR	1
1ai, 3	121958	Catalyst Cross Brace, Aluminum, 18 x 20, PAIR	1
1aj, 3	121959	Catalyst Cross Brace, Aluminum, 19 x 14, PAIR	1
1ak, 3	121960	Catalyst Cross Brace, Aluminum, 19 x 15, PAIR	1
1al, 3	121961	Catalyst Cross Brace, Aluminum, 19 x 16, PAIR	1

Item Number	Part Number	Description	Quantity
1am, 3	121962	Catalyst Cross Brace, Aluminum, 19 x 17, PAIR	1
1an, 3	121963	Catalyst Cross Brace, Aluminum, 19 x 18, PAIR	1
1ao, 3	121964	Catalyst Cross Brace, Aluminum, 19 x 19, PAIR	1
1ap, 3	121965	Catalyst Cross Brace, Aluminum, 19 x 20, PAIR	1
1aq, 3	121966	Catalyst Cross Brace, Aluminum, 20 x 14, PAIR	1
1ar, 3	121967	Catalyst Cross Brace, Aluminum, 20 x 15, PAIR	1
1as, 3	121968	Catalyst Cross Brace, Aluminum, 20 x 16, PAIR	1
1at, 3	121969	Catalyst Cross Brace, Aluminum, 20 x 17, PAIR	1
1au, 3	121970	Catalyst Cross Brace, Aluminum, 20 x 18, PAIR	1
1av, 3	121971	Catalyst Cross Brace, Aluminum, 20 x 19, PAIR	1
1aw, 3	121972	Catalyst Cross Brace, Aluminum, 20 x 20, PAIR	1
1ax, 3	121973	Catalyst Cross Brace, Aluminum, 21 x 14, PAIR	1
1ay, 3	121974	Catalyst Cross Brace, Aluminum, 21 x 15, PAIR	1
1az, 3	121975	Catalyst Cross Brace, Aluminum, 21 x 16, PAIR	1
1ba, 3	121976	Catalyst Cross Brace, Aluminum, 21 x 17, PAIR	1
1bb, 3	121977	Catalyst Cross Brace, Aluminum, 21 x 18, PAIR	1
1bc, 3	121978	Catalyst Cross Brace, Aluminum, 21 x 19, PAIR	1
1bd, 3	121979	Catalyst Cross Brace, Aluminum, 21 x 20, PAIR	1
1be, 3	121980	Catalyst Cross Brace, Aluminum, 22 x 14, PAIR	1
1bf, 3	121981	Catalyst Cross Brace, Aluminum, 22 x 15, PAIR	1
1bg, 3	121982	Catalyst Cross Brace, Aluminum, 22 x 16, PAIR	1
1bh, 3	121983	Catalyst Cross Brace, Aluminum, 22 x 17, PAIR	1
1bi, 3	121984	Catalyst Cross Brace, Aluminum, 22 x 18, PAIR	1
1bj, 3	121985	Catalyst Cross Brace, Aluminum, 22 x 19, PAIR	1
1bk, 3	121986	Catalyst Cross Brace, Aluminum, 22 x 20, PAIR	1
3	101162	7/8 OD End Plug BLK	4
4	100660	M6 x 80mm CLS8.8 DIN931 HHCS ZC	2
5	100746	M6 Flat Washer Blk Zn	3

Item Number	Part Number	Description	Quantity
6	100658	M6 Nylock Nut Blk Zn	5
7	100678	M6 x 110 CLS8.8 DIN931 HHCS ZC	1
8	002807	Cross Tube Saddle CAT	6
9	100880	1/4" Plastic Spacer <i>Not used on 14" wide chairs</i>	2
10	105019	3/16" Plastic Spacer <i>Not used on 14" wide chairs</i>	2
11	100704	M6 x 90 CLS8.8 DIN931 HHCS ZC	2
12	002806	Lower Frame Pivot CAT	2