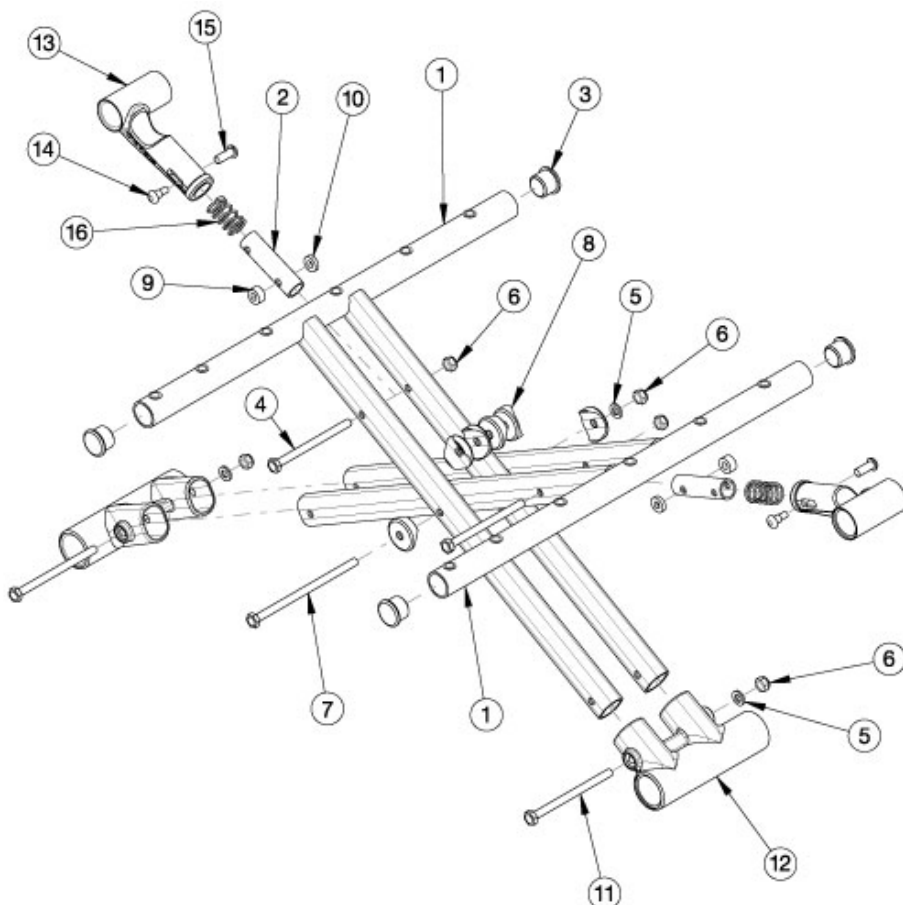


# Catalyst Aluminum Cross Braces

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



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, and lifting strap is required.

Item Number	Part Number	Description	Quantity
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

Item Number	Part Number	Description	Quantity
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	002915	Catalyst Cross Brace, Aluminum, Left 14W x 14D	1
1b, 3	002916	Catalyst Cross Brace, Aluminum, Right 14W x 14D	1
1c, 3	002917	Catalyst Cross Brace, Aluminum, Left 14W x 15D	1
1d, 3	002918	Catalyst Cross Brace, Aluminum, Right 14W x 15D	1
1e, 3	002919	Catalyst Cross Brace, Aluminum, Left 14W x 16D	1
1f, 3	002920	Catalyst Cross Brace, Aluminum, Right 14W x 16D	1
1g, 3	002921	Catalyst Cross Brace, Aluminum, Left 14W x 17D	1
1h, 3	002922	Catalyst Cross Brace, Aluminum, Right 14W x 17D	1
1i, 3	002923	Catalyst Cross Brace, Aluminum, Left 14W x 18D	1
1j, 3	002924	Catalyst Cross Brace, Aluminum, Right 14W x 18D	1
1k, 3	002925	Catalyst Cross Brace, Aluminum, Left 14W x 19D	1
1l, 3	002926	Catalyst Cross Brace, Aluminum, Right 14W x 19D	1
1m, 3	002927	Catalyst Cross Brace, Aluminum, Left 14W x 20D	1
1n, 3	002928	Catalyst Cross Brace, Aluminum, Right 14W x 20D	1
1o, 3	002929	Catalyst Cross Brace, Aluminum, Left 15W x 14D	1
1p, 3	002930	Catalyst Cross Brace, Aluminum, Right 15W x 14D	1
1q, 3	002931	Catalyst Cross Brace, Aluminum, Left 15W x 15D	1
1r, 3	002932	Catalyst Cross Brace, Aluminum, Right 15W x 15D	1
1s, 3	002933	Catalyst Cross Brace, Aluminum, Left 15W x 16D	1
1t, 3	002934	Catalyst Cross Brace, Aluminum, Right 15W x 16D	1

Item Number	Part Number	Description	Quantity
1u, 3	002935	Catalyst Cross Brace, Aluminum, Left 15W x 17D	1
1v, 3	002936	Catalyst Cross Brace, Aluminum, Right 15W x 17D	1
1w, 3	002937	Catalyst Cross Brace, Aluminum, Left 15W x 18D	1
1x, 3	002938	Catalyst Cross Brace, Aluminum, Right 15W x 18D	1
1y, 3	002939	Catalyst Cross Brace, Aluminum, Left 15W x 19D	1
1z, 3	002940	Catalyst Cross Brace, Aluminum, Right 15W x 19D	1
1aa, 3	002941	Catalyst Cross Brace, Aluminum, Left 15W x 20D	1
1ab, 3	002942	Catalyst Cross Brace, Aluminum, Right 15W x 20D	1
1ac, 3	002943	Catalyst Cross Brace, Aluminum, Left 16W x 14D	1
1ad, 3	002944	Catalyst Cross Brace, Aluminum, Right 16W x 14D	1
1ae, 3	002945	Catalyst Cross Brace, Aluminum, Left 16W x 15D	1
1af, 3	002946	Catalyst Cross Brace, Aluminum, Right 16W x 15D	1
1ag, 3	002947	Catalyst Cross Brace, Aluminum, Left 16W x 16D	1
1ah, 3	002948	Catalyst Cross Brace, Aluminum, Right 16W x 16D	1
1ai, 3	002949	Catalyst Cross Brace, Aluminum, Left 16W x 17D	1
1aj, 3	002950	Catalyst Cross Brace, Aluminum, Right 16W x 17D	1
1ak, 3	002951	Catalyst Cross Brace, Aluminum, Left 16W x 18D	1
1al, 3	002952	Catalyst Cross Brace, Aluminum, Right 16W x 18D	1
1am, 3	002953	Catalyst Cross Brace, Aluminum, Left 16W x 19D	1
1an, 3	002954	Catalyst Cross Brace, Aluminum, Right 16W x 19D	1
1ao, 3	002955	Catalyst Cross Brace, Aluminum, Left 16W x 20D	1
1ap, 3	002956	Catalyst Cross Brace, Aluminum, Right 16W x 20D	1
1aq, 3	002957	Catalyst Cross Brace, Aluminum, Left 17W x 14D	1
1ar, 3	002958	Catalyst Cross Brace, Aluminum, Right 17W x 14D	1
1as, 3	002959	Catalyst Cross Brace, Aluminum, Left 17W x 15D	1
1at, 3	002960	Catalyst Cross Brace, Aluminum, Right 17W x 15D	1
1au, 3	002961	Catalyst Cross Brace, Aluminum, Left 17W x 16D	1

Item Number	Part Number	Description	Quantity
1av, 3	002962	Catalyst Cross Brace, Aluminum, Right 17W x 16D	1
1aw, 3	002963	Catalyst Cross Brace, Aluminum, Left 17W x 17D	1
1ax, 3	002964	Catalyst Cross Brace, Aluminum, Right 17W x 17D	1
1ay, 3	002965	Catalyst Cross Brace, Aluminum, Left 17W x 18D	1
1az, 3	002966	Catalyst Cross Brace, Aluminum, Right 17W x 18D	1
1ba, 3	002967	Catalyst Cross Brace, Aluminum, Left 17W x 19D	1
1bb, 3	002968	Catalyst Cross Brace, Aluminum, Right 17W x 19D	1
1bc, 3	002969	Catalyst Cross Brace, Aluminum, Left 17W x 20D	1
1bd, 3	002970	Catalyst Cross Brace, Aluminum, Right 17W x 20D	1
1be, 3	002971	Catalyst Cross Brace, Aluminum, Left 18W x 14D	1
1bf, 3	002972	Catalyst Cross Brace, Aluminum, Right 18W x 14D	1
1bg, 3	002973	Catalyst Cross Brace, Aluminum, Left 18W x 15D	1
1bh, 3	002974	Catalyst Cross Brace, Aluminum, Right 18W x 15D	1
1bi, 3	002975	Catalyst Cross Brace, Aluminum, Left 18W x 16D	1
1bj, 3	002976	Catalyst Cross Brace, Aluminum, Right 18W x 16D	1
1bk, 3	002977	Catalyst Cross Brace, Aluminum, Left 18W x 17D	1
1bl, 3	002978	Catalyst Cross Brace, Aluminum, Right 18W x 17D	1
1bm, 3	002979	Catalyst Cross Brace, Aluminum, Left 18W x 18D	1
1bn, 3	002980	Catalyst Cross Brace, Aluminum, Right 18W x 18D	1
1bo, 3	002981	Catalyst Cross Brace, Aluminum, Left 18W x 19D	1
1bp, 3	002982	Catalyst Cross Brace, Aluminum, Right 18W x 19D	1
1bq, 3	002983	Catalyst Cross Brace, Aluminum, Left 18W x 20D	1
1br, 3	002984	Catalyst Cross Brace, Aluminum, Right 18W x 20D	1
1bs, 3	002985	Catalyst Cross Brace, Aluminum, Left 19W x 14D	1
1bt, 3	002986	Catalyst Cross Brace, Aluminum, Right 19W x 14D	1
1bu, 3	002987	Catalyst Cross Brace, Aluminum, Left 19W x 15D	1
1bv, 3	002988	Catalyst Cross Brace, Aluminum, Right 19W x 15D	1

Item Number	Part Number	Description	Quantity
1bw, 3	002989	Catalyst Cross Brace, Aluminum, Left 19W x 16D	1
1bx, 3	002990	Catalyst Cross Brace, Aluminum, Right 19W x 16D	1
1by, 3	002991	Catalyst Cross Brace, Aluminum, Left 19W x 17D	1
1bz, 3	002992	Catalyst Cross Brace, Aluminum, Right 19W x 17D	1
1ca, 3	002993	Catalyst Cross Brace, Aluminum, Left 19W x 18D	1
1cb, 3	002994	Catalyst Cross Brace, Aluminum, Right 19W x 18D	1
1cc, 3	002995	Catalyst Cross Brace, Aluminum, Left 19W x 19D	1
1cd, 3	002996	Catalyst Cross Brace, Aluminum, Right 19W x 19D	1
1ce, 3	002997	Catalyst Cross Brace, Aluminum, Left 19W x 20D	1
1cf, 3	002998	Catalyst Cross Brace, Aluminum, Right 19W x 20D	1
1cg, 3	002999	Catalyst Cross Brace, Aluminum, Left 20W x 14D	1
1ch, 3	003000	Catalyst Cross Brace, Aluminum, Right 20W x 14D	1
1ci, 3	003001	Catalyst Cross Brace, Aluminum, Left 20W x 15D	1
1cj, 3	003002	Catalyst Cross Brace, Aluminum, Right 20W x 15D	1
1ck, 3	003003	Catalyst Cross Brace, Aluminum, Left 20W x 16D	1
1cl, 3	003004	Catalyst Cross Brace, Aluminum, Right 20W x 16D	1
1cm, 3	003005	Catalyst Cross Brace, Aluminum, Left 20W x 17D	1
1cn, 3	003006	Catalyst Cross Brace, Aluminum, Right 20W x 17D	1
1co, 3	003007	Catalyst Cross Brace, Aluminum, Left 20W x 18D	1
1cp, 3	003008	Catalyst Cross Brace, Aluminum, Right 20W x 18D	1
1cq, 3	003009	Catalyst Cross Brace, Aluminum, Left 20W x 19D	1
1cr, 3	003010	Catalyst Cross Brace, Aluminum, Right 20W x 19D	1
1cs, 3	003011	Catalyst Cross Brace, Aluminum, Left 20W x 20D	1
1ct, 3	003012	Catalyst Cross Brace, Aluminum, Right 20W x 20D	1
1cu, 3	003013	Catalyst Cross Brace, Aluminum, Left 21W x 14D	1
1cv, 3	003014	Catalyst Cross Brace, Aluminum, Right 21W x 14D	1
1cw, 3	003015	Catalyst Cross Brace, Aluminum, Left 21W x 15D	1

Item Number	Part Number	Description	Quantity
1cx, 3	003016	Catalyst Cross Brace, Aluminum, Right 21W x 15D	1
1cy, 3	003017	Catalyst Cross Brace, Aluminum, Left 21W x 16D	1
1cz,3	003018	Catalyst Cross Brace, Aluminum, Right 21W x 16D	1
1da, 3	003019	Catalyst Cross Brace, Aluminum, Left 21W x 17D	1
1db, 3	003020	Catalyst Cross Brace, Aluminum, Right 21W x 17D	1
1dc, 3	003021	Catalyst Cross Brace, Aluminum, Left 21W x 18D	1
1dd, 3	003022	Catalyst Cross Brace, Aluminum, Right 21W x 18D	1
1de, 3	003023	Catalyst Cross Brace, Aluminum, Left 21W x 19D	1
1df, 3	003024	Catalyst Cross Brace, Aluminum, Right 21W x 19D	1
1dg, 3	003025	Catalyst Cross Brace, Aluminum, Left 21W x 20D	1
1dh, 3	003026	Catalyst Cross Brace, Aluminum, Right 21W x 20D	1
1di, 3	003027	Catalyst Cross Brace, Aluminum, Left 22W x 14D	1
1dj, 3	003028	Catalyst Cross Brace, Aluminum, Right 22W x 14D	1
1dk, 3	003029	Catalyst Cross Brace, Aluminum, Left 22W x 15D	1
1dl, 3	003030	Catalyst Cross Brace, Aluminum, Right 22W x 15D	1
1dm, 3	003031	Catalyst Cross Brace, Aluminum, Left 22W x 16D	1
1dn, 3	003032	Catalyst Cross Brace, Aluminum, Right 22W x 16D	1
1do, 3	003033	Catalyst Cross Brace, Aluminum, Left 22W x 17D	1
1dp, 3	003034	Catalyst Cross Brace, Aluminum, Right 22W x 17D	1
1dq, 3	003035	Catalyst Cross Brace, Aluminum, Left 22W x 18D	1
1dr, 3	003036	Catalyst Cross Brace, Aluminum, Right 22W x 18D	1
1ds, 3	003037	Catalyst Cross Brace, Aluminum, Left 22W x 19D	1
1dt, 3	003038	Catalyst Cross Brace, Aluminum, Right 22W x 19D	1
1du, 3	003039	Catalyst Cross Brace, Aluminum, Left 22W x 20D	1
1dv, 3	003040	Catalyst Cross Brace, Aluminum, Right 22W x 20D	1
3	101162	7/8 OD End Plug BLK	4
4	100660	M6 x 80mm CLS8.8 DIN931 HHCS ZC	2

Item Number	Part Number	Description	Quantity
5	100746	M6 Flat Washer Blk Zn	3
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