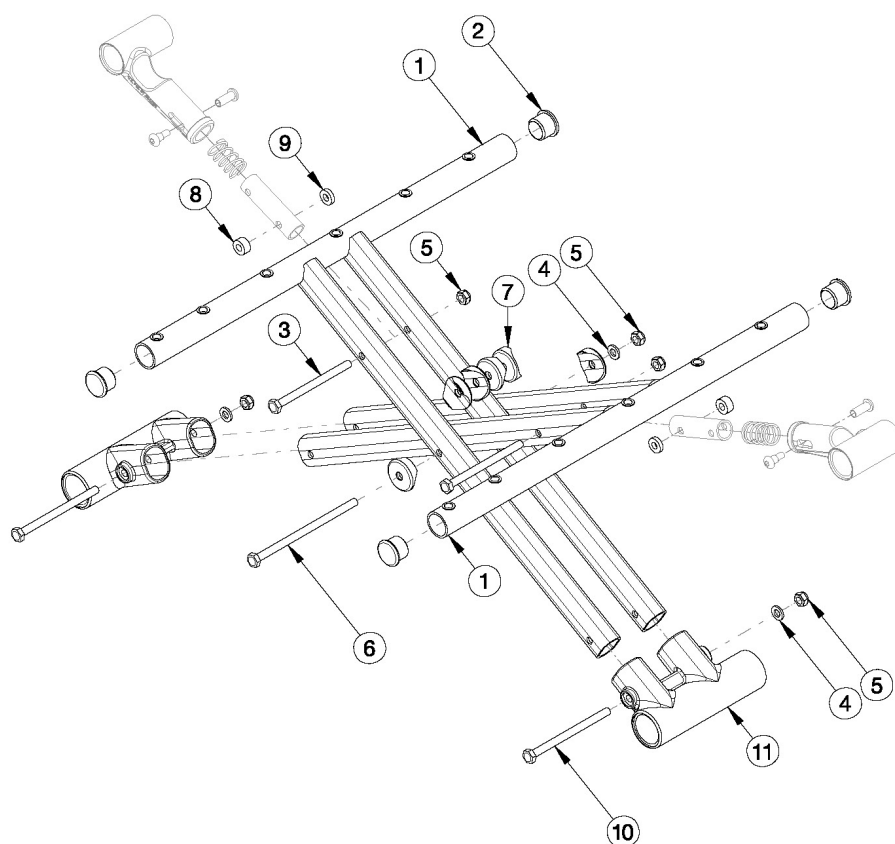


## Catalyst Aluminum Cross Braces - Growth



| 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, C5037980, 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 |
|-------------|-------------|------------------------------------------------------------------------------------|----------|
| 3-7, 10, 11 | 107296      | Lower Frame Pivot and Catalyst Oval-Style Cross Brace Hardware Kit 14" Wide (Pair) | 1        |
| 3-11        | 502177      | Lower Frame Pivot and Catalyst Oval-Style Cross Brace Hardware Kit (Pair)          | 1        |
| 3-10        | 503320      | Catalyst Cross Brace Hardware Kit                                                  | 1        |
| 1a, 2       | 002915      | Catalyst Cross Brace, Aluminum, Left 14W x 14D                                     | 1        |
| 1b, 2       | 002916      | Catalyst Cross Brace, Aluminum, Right 14W x 14D                                    | 1        |

| Item Number | Part Number | Description                                     | Quantity |
|-------------|-------------|-------------------------------------------------|----------|
| 1c, 2       | 002917      | Catalyst Cross Brace, Aluminum, Left 14W x 15D  | 1        |
| 1d, 2       | 002918      | Catalyst Cross Brace, Aluminum, Right 14W x 15D | 1        |
| 1e, 2       | 002919      | Catalyst Cross Brace, Aluminum, Left 14W x 16D  | 1        |
| 1f, 2       | 002920      | Catalyst Cross Brace, Aluminum, Right 14W x 16D | 1        |
| 1g, 2       | 002921      | Catalyst Cross Brace, Aluminum, Left 14W x 17D  | 1        |
| 1h, 2       | 002922      | Catalyst Cross Brace, Aluminum, Right 14W x 17D | 1        |
| 1i, 2       | 002923      | Catalyst Cross Brace, Aluminum, Left 14W x 18D  | 1        |
| 1j, 2       | 002924      | Catalyst Cross Brace, Aluminum, Right 14W x 18D | 1        |
| 1k, 2       | 002925      | Catalyst Cross Brace, Aluminum, Left 14W x 19D  | 1        |
| 1l, 2       | 002926      | Catalyst Cross Brace, Aluminum, Right 14W x 19D | 1        |
| 1m, 2       | 002927      | Catalyst Cross Brace, Aluminum, Left 14W x 20D  | 1        |
| 1n, 2       | 002928      | Catalyst Cross Brace, Aluminum, Right 14W x 20D | 1        |
| 1o, 2       | 002929      | Catalyst Cross Brace, Aluminum, Left 15W x 14D  | 1        |
| 1p, 2       | 002930      | Catalyst Cross Brace, Aluminum, Right 15W x 14D | 1        |
| 1q, 2       | 002931      | Catalyst Cross Brace, Aluminum, Left 15W x 15D  | 1        |
| 1r, 2       | 002932      | Catalyst Cross Brace, Aluminum, Right 15W x 15D | 1        |
| 1s, 2       | 002933      | Catalyst Cross Brace, Aluminum, Left 15W x 16D  | 1        |
| 1t, 2       | 002934      | Catalyst Cross Brace, Aluminum, Right 15W x 16D | 1        |
| 1u, 2       | 002935      | Catalyst Cross Brace, Aluminum, Left 15W x 17D  | 1        |
| 1v, 2       | 002936      | Catalyst Cross Brace, Aluminum, Right 15W x 17D | 1        |
| 1w, 2       | 002937      | Catalyst Cross Brace, Aluminum, Left 15W x 18D  | 1        |
| 1x, 2       | 002938      | Catalyst Cross Brace, Aluminum, Right 15W x 18D | 1        |
| 1y, 2       | 002939      | Catalyst Cross Brace, Aluminum, Left 15W x 19D  | 1        |
| 1z, 2       | 002940      | Catalyst Cross Brace, Aluminum, Right 15W x 19D | 1        |
| 1aa, 2      | 002941      | Catalyst Cross Brace, Aluminum, Left 15W x 20D  | 1        |
| 1ab, 2      | 002942      | Catalyst Cross Brace, Aluminum, Right 15W x 20D | 1        |
| 1ac, 2      | 002943      | Catalyst Cross Brace, Aluminum, Left 16W x 14D  | 1        |

| Item Number | Part Number | Description                                     | Quantity |
|-------------|-------------|-------------------------------------------------|----------|
| 1ad, 2      | 002944      | Catalyst Cross Brace, Aluminum, Right 16W x 14D | 1        |
| 1ae, 2      | 002945      | Catalyst Cross Brace, Aluminum, Left 16W x 15D  | 1        |
| 1af, 2      | 002946      | Catalyst Cross Brace, Aluminum, Right 16W x 15D | 1        |
| 1ag, 2      | 002947      | Catalyst Cross Brace, Aluminum, Left 16W x 16D  | 1        |
| 1ah, 2      | 002948      | Catalyst Cross Brace, Aluminum, Right 16W x 16D | 1        |
| 1ai, 2      | 002949      | Catalyst Cross Brace, Aluminum, Left 16W x 17D  | 1        |
| 1aj, 2      | 002950      | Catalyst Cross Brace, Aluminum, Right 16W x 17D | 1        |
| 1ak, 2      | 002951      | Catalyst Cross Brace, Aluminum, Left 16W x 18D  | 1        |
| 1al, 2      | 002952      | Catalyst Cross Brace, Aluminum, Right 16W x 18D | 1        |
| 1am, 2      | 002953      | Catalyst Cross Brace, Aluminum, Left 16W x 19D  | 1        |
| 1an, 2      | 002954      | Catalyst Cross Brace, Aluminum, Right 16W x 19D | 1        |
| 1ao, 2      | 002955      | Catalyst Cross Brace, Aluminum, Left 16W x 20D  | 1        |
| 1ap, 2      | 002956      | Catalyst Cross Brace, Aluminum, Right 16W x 20D | 1        |
| 1aq, 2      | 002957      | Catalyst Cross Brace, Aluminum, Left 17W x 14D  | 1        |
| 1ar, 2      | 002958      | Catalyst Cross Brace, Aluminum, Right 17W x 14D | 1        |
| 1as, 2      | 002959      | Catalyst Cross Brace, Aluminum, Left 17W x 15D  | 1        |
| 1at, 2      | 002960      | Catalyst Cross Brace, Aluminum, Right 17W x 15D | 1        |
| 1au, 2      | 002961      | Catalyst Cross Brace, Aluminum, Left 17W x 16D  | 1        |
| 1av, 2      | 002962      | Catalyst Cross Brace, Aluminum, Right 17W x 16D | 1        |
| 1aw, 2      | 002963      | Catalyst Cross Brace, Aluminum, Left 17W x 17D  | 1        |
| 1ax, 2      | 002964      | Catalyst Cross Brace, Aluminum, Right 17W x 17D | 1        |
| 1ay, 2      | 002965      | Catalyst Cross Brace, Aluminum, Left 17W x 18D  | 1        |
| 1az, 2      | 002966      | Catalyst Cross Brace, Aluminum, Right 17W x 18D | 1        |
| 1ba, 2      | 002967      | Catalyst Cross Brace, Aluminum, Left 17W x 19D  | 1        |
| 1bb, 2      | 002968      | Catalyst Cross Brace, Aluminum, Right 17W x 19D | 1        |
| 1bc, 2      | 002969      | Catalyst Cross Brace, Aluminum, Left 17W x 20D  | 1        |
| 1bd, 2      | 002970      | Catalyst Cross Brace, Aluminum, Right 17W x 20D | 1        |

| Item Number | Part Number | Description                                     | Quantity |
|-------------|-------------|-------------------------------------------------|----------|
| 1be, 2      | 002971      | Catalyst Cross Brace, Aluminum, Left 18W x 14D  | 1        |
| 1bf, 2      | 002972      | Catalyst Cross Brace, Aluminum, Right 18W x 14D | 1        |
| 1bg, 2      | 002973      | Catalyst Cross Brace, Aluminum, Left 18W x 15D  | 1        |
| 1bh, 2      | 002974      | Catalyst Cross Brace, Aluminum, Right 18W x 15D | 1        |
| 1bi, 2      | 002975      | Catalyst Cross Brace, Aluminum, Left 18W x 16D  | 1        |
| 1bj, 2      | 002976      | Catalyst Cross Brace, Aluminum, Right 18W x 16D | 1        |
| 1bk, 2      | 002977      | Catalyst Cross Brace, Aluminum, Left 18W x 17D  | 1        |
| 1bl, 2      | 002978      | Catalyst Cross Brace, Aluminum, Right 18W x 17D | 1        |
| 1bm, 2      | 002979      | Catalyst Cross Brace, Aluminum, Left 18W x 18D  | 1        |
| 1bn, 2      | 002980      | Catalyst Cross Brace, Aluminum, Right 18W x 18D | 1        |
| 1bo, 2      | 002981      | Catalyst Cross Brace, Aluminum, Left 18W x 19D  | 1        |
| 1bp, 2      | 002982      | Catalyst Cross Brace, Aluminum, Right 18W x 19D | 1        |
| 1bq, 2      | 002983      | Catalyst Cross Brace, Aluminum, Left 18W x 20D  | 1        |
| 1br, 2      | 002984      | Catalyst Cross Brace, Aluminum, Right 18W x 20D | 1        |
| 1bs, 2      | 002985      | Catalyst Cross Brace, Aluminum, Left 19W x 14D  | 1        |
| 1bt, 2      | 002986      | Catalyst Cross Brace, Aluminum, Right 19W x 14D | 1        |
| 1bu, 2      | 002987      | Catalyst Cross Brace, Aluminum, Left 19W x 15D  | 1        |
| 1bv, 2      | 002988      | Catalyst Cross Brace, Aluminum, Right 19W x 15D | 1        |
| 1bw, 2      | 002989      | Catalyst Cross Brace, Aluminum, Left 19W x 16D  | 1        |
| 1bx, 2      | 002990      | Catalyst Cross Brace, Aluminum, Right 19W x 16D | 1        |
| 1by, 2      | 002991      | Catalyst Cross Brace, Aluminum, Left 19W x 17D  | 1        |
| 1bz, 2      | 002992      | Catalyst Cross Brace, Aluminum, Right 19W x 17D | 1        |
| 1ca, 2      | 002993      | Catalyst Cross Brace, Aluminum, Left 19W x 18D  | 1        |
| 1cb, 2      | 002994      | Catalyst Cross Brace, Aluminum, Right 19W x 18D | 1        |
| 1cc, 2      | 002995      | Catalyst Cross Brace, Aluminum, Left 19W x 19D  | 1        |
| 1cd, 2      | 002996      | Catalyst Cross Brace, Aluminum, Right 19W x 19D | 1        |
| 1ce, 2      | 002997      | Catalyst Cross Brace, Aluminum, Left 19W x 20D  | 1        |

| Item Number | Part Number | Description                                     | Quantity |
|-------------|-------------|-------------------------------------------------|----------|
| 1cf, 2      | 002998      | Catalyst Cross Brace, Aluminum, Right 19W x 20D | 1        |
| 1cg, 2      | 002999      | Catalyst Cross Brace, Aluminum, Left 20W x 14D  | 1        |
| 1ch, 2      | 003000      | Catalyst Cross Brace, Aluminum, Right 20W x 14D | 1        |
| 1ci, 2      | 003001      | Catalyst Cross Brace, Aluminum, Left 20W x 15D  | 1        |
| 1cj, 2      | 003002      | Catalyst Cross Brace, Aluminum, Right 20W x 15D | 1        |
| 1ck, 2      | 003003      | Catalyst Cross Brace, Aluminum, Left 20W x 16D  | 1        |
| 1cl, 2      | 003004      | Catalyst Cross Brace, Aluminum, Right 20W x 16D | 1        |
| 1cm, 2      | 003005      | Catalyst Cross Brace, Aluminum, Left 20W x 17D  | 1        |
| 1cn, 2      | 003006      | Catalyst Cross Brace, Aluminum, Right 20W x 17D | 1        |
| 1co, 2      | 003007      | Catalyst Cross Brace, Aluminum, Left 20W x 18D  | 1        |
| 1cp, 2      | 003008      | Catalyst Cross Brace, Aluminum, Right 20W x 18D | 1        |
| 1cq, 2      | 003009      | Catalyst Cross Brace, Aluminum, Left 20W x 19D  | 1        |
| 1cr, 2      | 003010      | Catalyst Cross Brace, Aluminum, Right 20W x 19D | 1        |
| 1cs, 2      | 003011      | Catalyst Cross Brace, Aluminum, Left 20W x 20D  | 1        |
| 1ct, 2      | 003012      | Catalyst Cross Brace, Aluminum, Right 20W x 20D | 1        |
| 1cu, 2      | 003013      | Catalyst Cross Brace, Aluminum, Left 21W x 14D  | 1        |
| 1cv, 2      | 003014      | Catalyst Cross Brace, Aluminum, Right 21W x 14D | 1        |
| 1cw, 2      | 003015      | Catalyst Cross Brace, Aluminum, Left 21W x 15D  | 1        |
| 1cx, 2      | 003016      | Catalyst Cross Brace, Aluminum, Right 21W x 15D | 1        |
| 1cy, 2      | 003017      | Catalyst Cross Brace, Aluminum, Left 21W x 16D  | 1        |
| 1cz,2       | 003018      | Catalyst Cross Brace, Aluminum, Right 21W x 16D | 1        |
| 1da, 2      | 003019      | Catalyst Cross Brace, Aluminum, Left 21W x 17D  | 1        |
| 1db, 2      | 003020      | Catalyst Cross Brace, Aluminum, Right 21W x 17D | 1        |
| 1dc, 2      | 003021      | Catalyst Cross Brace, Aluminum, Left 21W x 18D  | 1        |
| 1dd, 2      | 003022      | Catalyst Cross Brace, Aluminum, Right 21W x 18D | 1        |
| 1de, 2      | 003023      | Catalyst Cross Brace, Aluminum, Left 21W x 19D  | 1        |
| 1df, 2      | 003024      | Catalyst Cross Brace, Aluminum, Right 21W x 19D | 1        |

| Item Number | Part Number | Description                                                | Quantity |
|-------------|-------------|------------------------------------------------------------|----------|
| 1dg, 2      | 003025      | Catalyst Cross Brace, Aluminum, Left 21W x 20D             | 1        |
| 1dh, 2      | 003026      | Catalyst Cross Brace, Aluminum, Right 21W x 20D            | 1        |
| 1di, 2      | 003027      | Catalyst Cross Brace, Aluminum, Left 22W x 14D             | 1        |
| 1dj, 2      | 003028      | Catalyst Cross Brace, Aluminum, Right 22W x 14D            | 1        |
| 1dk, 2      | 003029      | Catalyst Cross Brace, Aluminum, Left 22W x 15D             | 1        |
| 1dl, 2      | 003030      | Catalyst Cross Brace, Aluminum, Right 22W x 15D            | 1        |
| 1dm, 2      | 003031      | Catalyst Cross Brace, Aluminum, Left 22W x 16D             | 1        |
| 1dn, 2      | 003032      | Catalyst Cross Brace, Aluminum, Right 22W x 16D            | 1        |
| 1do, 2      | 003033      | Catalyst Cross Brace, Aluminum, Left 22W x 17D             | 1        |
| 1dp, 2      | 003034      | Catalyst Cross Brace, Aluminum, Right 22W x 17D            | 1        |
| 1dq, 2      | 003035      | Catalyst Cross Brace, Aluminum, Left 22W x 18D             | 1        |
| 1dr, 2      | 003036      | Catalyst Cross Brace, Aluminum, Right 22W x 18D            | 1        |
| 1ds, 2      | 003037      | Catalyst Cross Brace, Aluminum, Left 22W x 19D             | 1        |
| 1dt, 2      | 003038      | Catalyst Cross Brace, Aluminum, Right 22W x 19D            | 1        |
| 1du, 2      | 003039      | Catalyst Cross Brace, Aluminum, Left 22W x 20D             | 1        |
| 1dv, 2      | 003040      | Catalyst Cross Brace, Aluminum, Right 22W x 20D            | 1        |
| 2           | 101162      | 7/8 OD End Plug BLK                                        | 4        |
| 3           | 100660      | M6 x 80mm CLS8.8 DIN931 HHCS ZC                            | 2        |
| 4           | 100746      | M6 Flat Washer Blk Zn                                      | 3        |
| 5           | 100658      | M6 Nylock Nut Blk Zn                                       | 5        |
| 6           | 100678      | M6 x 110 CLS8.8 DIN931 HHCS ZC                             | 1        |
| 7           | 002807      | Cross Tube Saddle CAT                                      | 6        |
| 8           | 100880      | 1/4" Plastic Spacer<br><i>Not used on 14" wide chairs</i>  | 2        |
| 9           | 105019      | 3/16" Plastic Spacer<br><i>Not used on 14" wide chairs</i> | 2        |
| 10          | 100704      | M6 x 90 CLS8.8 DIN931 HHCS ZC                              | 2        |
| 11          | 002806      | Lower Frame Pivot CAT                                      | 2        |