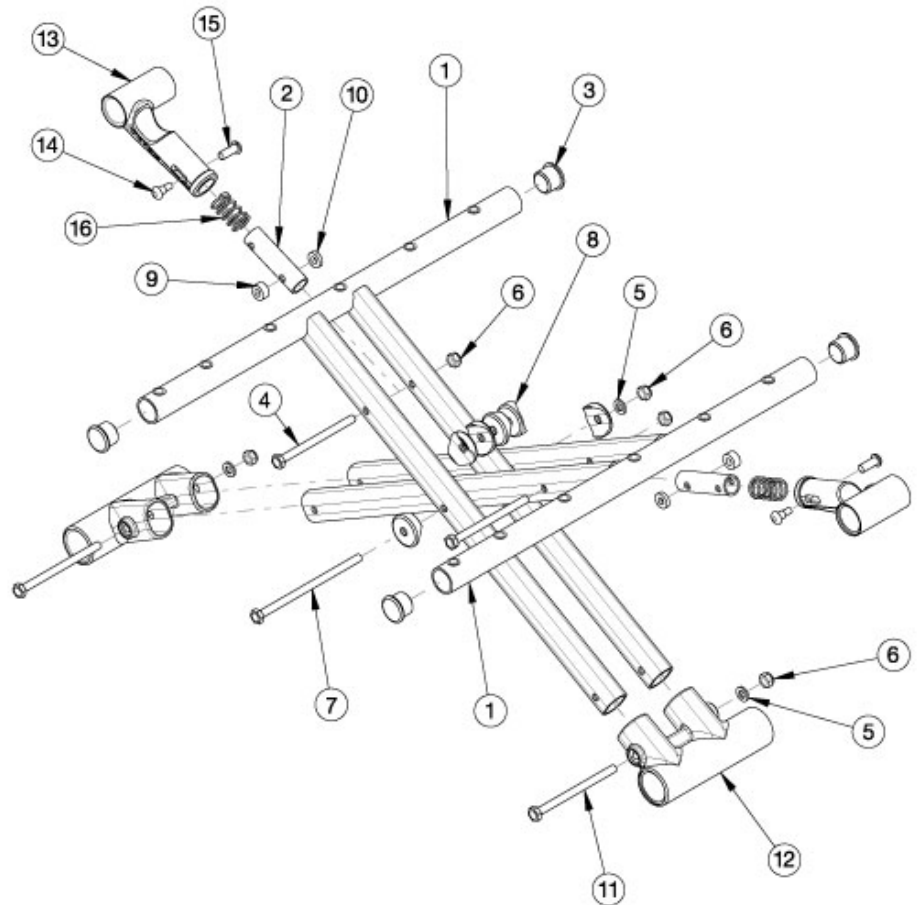


Catalyst Aluminum Cross Braces

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

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

| Item Number | Part Number | Description | Quantity |
|----------------|-------------|--|----------|
| 1, 3-11 | 122213 | Assembled Cross Brace Kit, 22 W x 19 D, Catalyst 4/4C/5/5Ti/5Vx | 1 |
| 1, 3-11 | 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 | 2 |
| 2b, 13b, 14-16 | 500025 | Upper Pivot Assembly 15" Width | 2 |
| 2c, 13b, 14-16 | 500026 | Upper Pivot Assembly 16" Width | 2 |
| 2d, 13b, 14-16 | 500027 | Upper Pivot Assembly 17" Width | 2 |
| 2e, 13b, 14-16 | 500028 | Upper Pivot Assembly 18" Width | 2 |
| 2f, 13b, 14-16 | 500029 | Upper Pivot Assembly 19" Width | 2 |
| 2g, 13b, 14-16 | 500030 | Upper Pivot Assembly 20" Width | 2 |
| 2h, 13b, 14-16 | 501479 | Upper Pivot Assembly 21/22" Width | 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 |
| 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 |

| Item Number | Part Number | Description | Quantity |
|-------------|-------------|---|----------|
| 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 |
| 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 |

| Item Number | Part Number | Description | Quantity |
|-------------|-------------|---|----------|
| 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 |
| 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 | 2 |

| Item Number | Part Number | Description | Quantity |
|--------------------|--------------------|-------------------------------|-----------------|
| 10 | 105019 | 3/16" Plastic Spacer | 2 |
| 11 | 100704 | M6 x 90 CLS8.8 DIN931 HHCS ZC | 2 |
| 12 | 002806 | Lower Frame Pivot CAT | 2 |