



**HYTORC AVANTI-1 REAR ARM
PRESSURE/TORQUE CONVERSION CHART**

| PRESSURE IN PSI | PRESSURE IN | | | PRESSURE IN BAR |
|--------------------|-------------|-----|------|--------------------|
| | FT. LBS. | KGM | NM | |
| 1500 | 200 | 28 | 271 | 104 |
| 1600 | 214 | 30 | 290 | 110 |
| 1800 | 242 | 33 | 328 | 124 |
| 2000 | 270 | 37 | 366 | 138 |
| 2200 | 297 | 41 | 403 | 152 |
| 2400 | 324 | 45 | 439 | 166 |
| 2600 | 351 | 49 | 476 | 179 |
| 2800 | 378 | 52 | 512 | 193 |
| 3000 | 405 | 56 | 549 | 207 |
| 3200 | 431 | 60 | 584 | 221 |
| 3400 | 457 | 63 | 620 | 235 |
| 3600 | 483 | 67 | 655 | 248 |
| 3800 | 509 | 70 | 690 | 262 |
| 4000 | 535 | 74 | 725 | 276 |
| 4200 | 562 | 78 | 762 | 290 |
| 4400 | 589 | 81 | 798 | 304 |
| 4600 | 616 | 85 | 835 | 317 |
| 4800 | 643 | 89 | 872 | 331 |
| 5000 | 670 | 93 | 908 | 345 |
| 5200 | 697 | 96 | 945 | 359 |
| 5400 | 724 | 100 | 981 | 373 |
| 5600 | 751 | 104 | 1018 | 386 |
| 5800 | 778 | 108 | 1055 | 400 |
| 6000 | 805 | 111 | 1091 | 414 |
| 6200 | 832 | 115 | 1128 | 428 |
| 6400 | 859 | 119 | 1164 | 442 |
| 6600 | 886 | 123 | 1201 | 455 |
| 6800 | 913 | 126 | 1238 | 469 |
| 7000 | 940 | 130 | 1274 | 483 |
| 7200 | 967 | 134 | 1311 | 497 |
| 7400 | 994 | 137 | 1347 | 511 |
| 7600 | 1021 | 141 | 1384 | 524 |
| 7800 | 1048 | 145 | 1421 | 538 |
| 8000 | 1075 | 149 | 1457 | 552 |
| 8200 | 1101 | 152 | 1493 | 566 |
| 8400 | 1127 | 156 | 1528 | 580 |
| 8600 | 1153 | 159 | 1563 | 593 |
| 8800 | 1179 | 163 | 1598 | 607 |
| 9000 | 1205 | 167 | 1633 | 621 |
| 9200 | 1232 | 170 | 1670 | 635 |
| 9400 | 1259 | 174 | 1707 | 649 |
| 9600 | 1286 | 178 | 1743 | 662 |
| 9800 | 1313 | 182 | 1780 | 676 |
| 10000 | 1340 | 185 | 1817 | 690 |

This chart supercedes all prior version regarding this tool 03/31/2008

| | | | |
|--|--|--|--|
| MAIN OFFICE 12420 TEXACO RD HOUSTON, TX 77013 713-453-6677 | SOUTH TEXAS OFFICE 4802 BALDWIN BLVD CORPUS CHRISTI, TX 78408 361-888-5080 | WEST TEXAS OFFICE 3508 S. COUNTY RD 1290 ODESSA, TX 79765 432-561-8481 | EAST TEXAS OFFICE 2484 W. CARDINAL AVE #.4 BEAUMONT, TX 77705 409-840-9699 |
|--|--|--|--|



**HYTORC AVANTI-3 REAR ARM
PRESSURE/TORQUE CONVERSION CHART**

| PRESSURE IN PSI | PRESSURE IN | | | |
|-----------------|-------------|-----|------|-----|
| | FT. LBS. | KGM | NM | BAR |
| 1500 | 457 | 63 | 620 | 104 |
| 1600 | 488 | 67 | 662 | 110 |
| 1800 | 551 | 76 | 747 | 124 |
| 2000 | 613 | 85 | 831 | 138 |
| 2200 | 675 | 93 | 915 | 152 |
| 2400 | 736 | 102 | 998 | 166 |
| 2600 | 798 | 110 | 1082 | 179 |
| 2800 | 859 | 119 | 1164 | 193 |
| 3000 | 921 | 127 | 1249 | 207 |
| 3200 | 984 | 136 | 1334 | 221 |
| 3400 | 1046 | 145 | 1418 | 235 |
| 3600 | 1109 | 153 | 1503 | 248 |
| 3800 | 1171 | 162 | 1587 | 262 |
| 4000 | 1234 | 171 | 1673 | 276 |
| 4200 | 1296 | 179 | 1757 | 290 |
| 4400 | 1358 | 188 | 1841 | 304 |
| 4600 | 1420 | 196 | 1925 | 317 |
| 4800 | 1482 | 205 | 2009 | 331 |
| 5000 | 1544 | 214 | 2093 | 345 |
| 5200 | 1606 | 222 | 2177 | 359 |
| 5400 | 1668 | 231 | 2261 | 373 |
| 5600 | 1731 | 239 | 2347 | 386 |
| 5800 | 1793 | 248 | 2431 | 400 |
| 6000 | 1855 | 257 | 2515 | 414 |
| 6200 | 1918 | 265 | 2600 | 428 |
| 6400 | 1981 | 274 | 2685 | 442 |
| 6600 | 2043 | 283 | 2769 | 455 |
| 6800 | 2106 | 291 | 2855 | 469 |
| 7000 | 2169 | 300 | 2940 | 483 |
| 7200 | 2233 | 309 | 3027 | 497 |
| 7400 | 2296 | 318 | 3112 | 511 |
| 7600 | 2360 | 326 | 3199 | 524 |
| 7800 | 2423 | 335 | 3285 | 538 |
| 8000 | 2487 | 344 | 3371 | 552 |
| 8200 | 2549 | 353 | 3455 | 566 |
| 8400 | 2611 | 361 | 3539 | 580 |
| 8600 | 2672 | 370 | 3622 | 593 |
| 8800 | 2734 | 378 | 3706 | 607 |
| 9000 | 2796 | 387 | 3790 | 621 |
| 9200 | 2857 | 395 | 3873 | 635 |
| 9400 | 2918 | 404 | 3956 | 649 |
| 9600 | 2978 | 412 | 4037 | 662 |
| 9800 | 3039 | 420 | 4120 | 676 |
| 10000 | 3100 | 429 | 4202 | 690 |

This chart supercedes all prior version regarding this tool 03/31/2008

| MAIN OFFICE | SOUTH TEXAS OFFICE | WEST TEXAS OFFICE | EAST TEXAS OFFICE |
|--|---|--|--|
| 12420 TEXACO RD HOUSTON, TX 77013 713-453-6677 | 4802 BALDWIN BLVD CORPUS CHRISTI, TX 78408 361-888-5080 | 3508 S. COUNTY RD 1290 ODESSA, TX 79765 432-561-8481 | 2484 W. CARDINAL AVE #.4 BEAUMONT, TX 77705 409-840-9699 |



**HYTORC AVANTI-5 REAR ARM
PRESSURE/TORQUE CONVERSION CHART**

| PRESSURE IN PSI | | | | PRESSURE IN BAR |
|--------------------|----------|-----|------|--------------------|
| | FT. LBS. | KGM | NM | |
| 1500 | 802 | 111 | 1087 | 104 |
| 1600 | 857 | 119 | 1162 | 110 |
| 1800 | 967 | 134 | 1311 | 124 |
| 2000 | 1077 | 149 | 1460 | 138 |
| 2200 | 1185 | 164 | 1606 | 152 |
| 2400 | 1293 | 179 | 1753 | 166 |
| 2600 | 1402 | 194 | 1901 | 179 |
| 2800 | 1510 | 209 | 2047 | 193 |
| 3000 | 1618 | 224 | 2193 | 207 |
| 3200 | 1728 | 239 | 2342 | 221 |
| 3400 | 1838 | 254 | 2492 | 235 |
| 3600 | 1948 | 269 | 2641 | 248 |
| 3800 | 2058 | 285 | 2790 | 262 |
| 4000 | 2168 | 300 | 2939 | 276 |
| 4200 | 2279 | 315 | 3089 | 290 |
| 4400 | 2390 | 331 | 3240 | 304 |
| 4600 | 2502 | 346 | 3392 | 317 |
| 4800 | 2613 | 361 | 3542 | 331 |
| 5000 | 2724 | 377 | 3693 | 345 |
| 5200 | 2835 | 392 | 3843 | 359 |
| 5400 | 2946 | 407 | 3994 | 373 |
| 5600 | 3056 | 423 | 4143 | 386 |
| 5800 | 3167 | 438 | 4293 | 400 |
| 6000 | 3278 | 453 | 4444 | 414 |
| 6200 | 3388 | 469 | 4593 | 428 |
| 6400 | 3499 | 484 | 4743 | 442 |
| 6600 | 3609 | 499 | 4892 | 455 |
| 6800 | 3720 | 514 | 5042 | 469 |
| 7000 | 3830 | 529 | 5192 | 483 |
| 7200 | 3939 | 545 | 5340 | 497 |
| 7400 | 4048 | 560 | 5487 | 511 |
| 7600 | 4158 | 575 | 5637 | 524 |
| 7800 | 4267 | 590 | 5784 | 538 |
| 8000 | 4376 | 605 | 5932 | 552 |
| 8200 | 4485 | 620 | 6080 | 566 |
| 8400 | 4594 | 635 | 6228 | 580 |
| 8600 | 4703 | 650 | 6375 | 593 |
| 8800 | 4812 | 665 | 6523 | 607 |
| 9000 | 4921 | 680 | 6671 | 621 |
| 9200 | 5029 | 696 | 6817 | 635 |
| 9400 | 5136 | 710 | 6962 | 649 |
| 9600 | 5244 | 725 | 7109 | 662 |
| 9800 | 5351 | 740 | 7254 | 676 |
| 10000 | 5459 | 755 | 7400 | 690 |

This chart supercedes all prior version regarding this tool 03/31/2008

| | | | |
|--|--|--|---|
| MAIN OFFICE 12420 TEXACO RD HOUSTON, TX 77013 713-453-6677 | SOUTH TEXAS OFFICE 4802 BALDWIN BLVD CORPUS CHRISTI, TX 78408 361-888-5080 | WEST TEXAS OFFICE 3508 S. COUNTY RD 1290 ODESSA, TX 79765 432-561-8481 | EAST TEXAS OFFICE 2484 W. CARDINAL AVE #4 BEAUMONT, TX 77705 409-840-9699 |
|--|--|--|---|



**HYTORC AVANTI-10 REAR ARM
PRESSURE/TORQUE CONVERSION CHART**

| PRESSURE IN PSI | | | | PRESSURE IN BAR |
|--------------------|----------|------|-------|--------------------|
| | FT. LBS. | KGM | NM | |
| 1500 | 1840 | 254 | 2494 | 104 |
| 1600 | 1964 | 272 | 2662 | 110 |
| 1800 | 2213 | 306 | 3000 | 124 |
| 2000 | 2462 | 340 | 3337 | 138 |
| 2200 | 2709 | 375 | 3672 | 152 |
| 2400 | 2956 | 409 | 4007 | 166 |
| 2600 | 3204 | 443 | 4343 | 179 |
| 2800 | 2451 | 339 | 3323 | 193 |
| 3000 | 3698 | 511 | 5013 | 207 |
| 3200 | 3945 | 546 | 5348 | 221 |
| 3400 | 4192 | 580 | 5683 | 235 |
| 3600 | 4440 | 614 | 6019 | 248 |
| 3800 | 4687 | 648 | 6354 | 262 |
| 4000 | 4934 | 682 | 6689 | 276 |
| 4200 | 5184 | 717 | 7027 | 290 |
| 4400 | 5433 | 751 | 7365 | 304 |
| 4600 | 5683 | 786 | 7704 | 317 |
| 4800 | 5932 | 820 | 8041 | 331 |
| 5000 | 6182 | 855 | 8380 | 345 |
| 5200 | 6430 | 889 | 8717 | 359 |
| 5400 | 6678 | 924 | 9053 | 373 |
| 5600 | 6927 | 958 | 9390 | 386 |
| 5800 | 7175 | 992 | 9726 | 400 |
| 6000 | 7423 | 1027 | 10063 | 414 |
| 6200 | 7674 | 1061 | 10403 | 428 |
| 6400 | 7925 | 1096 | 10743 | 442 |
| 6600 | 8177 | 1131 | 11085 | 455 |
| 6800 | 8428 | 1166 | 11425 | 469 |
| 7000 | 8679 | 1200 | 11765 | 483 |
| 7200 | 8840 | 1223 | 11984 | 497 |
| 7400 | 9001 | 1245 | 12202 | 511 |
| 7600 | 9162 | 1267 | 12420 | 524 |
| 7800 | 9324 | 1290 | 12640 | 538 |
| 8000 | 9485 | 1312 | 12858 | 552 |
| 8200 | 9827 | 1359 | 13321 | 566 |
| 8400 | 10170 | 1407 | 13786 | 580 |
| 8600 | 10512 | 1454 | 14250 | 593 |
| 8800 | 10855 | 1501 | 14715 | 607 |
| 9000 | 11197 | 1549 | 15179 | 621 |
| 9200 | 11449 | 1583 | 15520 | 635 |
| 9400 | 11701 | 1618 | 15862 | 649 |
| 9600 | 11952 | 1653 | 16202 | 662 |
| 9800 | 12204 | 1688 | 16544 | 676 |
| 10000 | 12456 | 1723 | 16885 | 690 |

This chart supercedes all prior version regarding this tool 03/31/2008

| | | | |
|--|--|--|---|
| MAIN OFFICE 12420 TEXACO RD HOUSTON, TX 77013 713-453-6677 | SOUTH TEXAS OFFICE 4802 BALDWIN BLVD CORPUS CHRISTI, TX 78408 361-888-5080 | WEST TEXAS OFFICE 3508 S. COUNTY RD 1290 ODESSA, TX 79765 432-561-8481 | EAST TEXAS OFFICE 2484 W. CARDINAL AVE #4 BEAUMONT, TX 77705 409-840-9699 |
|--|--|--|---|