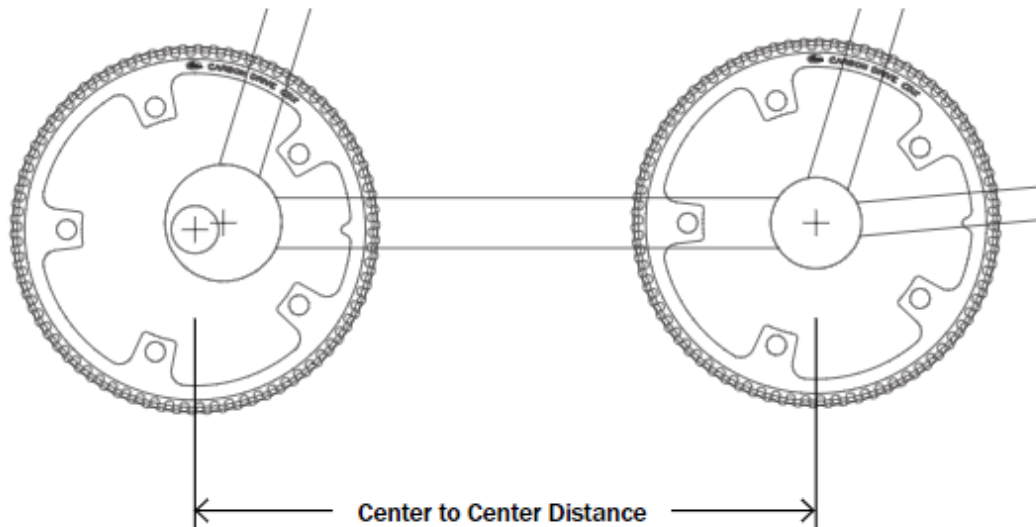


TANDEM STOKER DRIVES



The Gates Carbon Drive tandem stoker drive saves a significant amount of weight, reduces maintenance, and lasts longer than an equivalent chain stoker drive; and because the frame does not require a break to use the belt, the system can be retrofitted. However, it is important to note that its use is limited to frames that meet the center distance requirements. There are multiple center distance options for fitment of the stoker drive in both 8mm and 11mm configurations. Riders should choose the combination of belt and sprockets that best matches their frame's measured dimensions between captain and stoker bottom brackets.

CDX-Center Track sprockets require more installation room – or installation of sprockets after belt has been installed.

To retrofit the drive, there needs to be enough room to both install the drive, and to tension it. Two measurements will need to be taken, the first at the minimum center distance (where the EBB is closest to the standard BB), and at the maximum center distance (where the EBB is furthest from the standard BB). There is not a lot of adjustment with an eccentric bottom bracket, so careful measurement is necessary. The chart on page 2 identifies the Install Distance, Center to Center Distance, and Recommended Total Travel of all options. Riders should choose one row of the chart for their frame and use the listed sprockets and belt size. To ensure the drive will fit, the minimum center distance measured must be less than the Install Center Distance, and the maximum center distance measured must be more than the Recommended Total Travel. If you have any questions about fitment, please [contact us](#) for assistance.

| 11mm CDX TANDEM STOKER DRIVE | | | | | |
|-------------------------------------|-------------|----------------------------|-------------------------|----------------------------------|---------------------------------|
| SPROCKET TEETH | BELT | SPROCKET/BELT PITCH | INSTALL DISTANCE | CENTER TO CENTER DISTANCE | RECOMMENDED TOTAL TRAVEL |
| 46 | 160 | 11 | 623.30 | 627.30 | 630.30 |
| 42 | 160 | 11 | 645.01 | 649.01 | 652.01 |
| 46 | 166 | 11 | 656.30 | 660.30 | 663.30 |
| 39 | 160 | 11 | 661.30 | 665.30 | 668.30 |
| 46 | 168 | 11 | 667.30 | 671.30 | 674.30 |
| 42 | 166 | 11 | 678.01 | 682.01 | 685.01 |
| 42 | 168 | 11 | 689.01 | 693.01 | 696.01 |
| 39 | 166 | 11 | 694.30 | 698.30 | 701.30 |
| 46 | 174 | 11 | 700.30 | 704.30 | 707.30 |
| 39 | 168 | 11 | 705.30 | 709.30 | 712.30 |
| 46 | 177 | 11 | 716.80 | 720.80 | 723.80 |
| 42 | 174 | 11 | 722.01 | 726.01 | 729.01 |
| 46 | 178 | 11 | 722.30 | 726.30 | 729.30 |
| 39 | 174 | 11 | 738.30 | 742.30 | 745.30 |
| 42 | 177 | 11 | 738.51 | 742.51 | 745.51 |
| 46 | 181 | 11 | 738.80 | 742.80 | 745.80 |
| 42 | 178 | 11 | 744.01 | 748.01 | 751.01 |
| 46 | 183 | 11 | 749.80 | 753.80 | 756.80 |
| 39 | 177 | 11 | 754.80 | 758.80 | 761.80 |
| 39 | 178 | 11 | 760.30 | 764.30 | 767.30 |
| 42 | 181 | 11 | 760.51 | 764.51 | 767.51 |
| 42 | 183 | 11 | 771.51 | 775.51 | 778.51 |
| 39 | 181 | 11 | 776.80 | 780.80 | 783.80 |
| 39 | 183 | 11 | 787.80 | 791.80 | 794.80 |
| 8mm CDX TANDEM STOKER DRIVE | | | | | |
| 74 | 250 | 8 | 700.86 | 704.86 | 707.86 |
| 69 | 250 | 8 | 720.60 | 724.60 | 727.60 |
| 66 | 250 | 8 | 732.44 | 736.44 | 739.44 |

NOTE: 8mm and 11mm belts and sprockets are not cross compatible.