

## //: Belt Handling + Compatibility

Gates Carbon Drive™ Belts are extremely durable and offer long life when properly handled. However, caution must be used before and during installation to avoid damaging the carbon tensile cords that make up the backbone of the belt's strength. Excessive bending and twisting creates crimps which can lead to belt breakage under high load.

Do not back bend



Do not use as a chainwhip



Do not bundle



Do not crimp



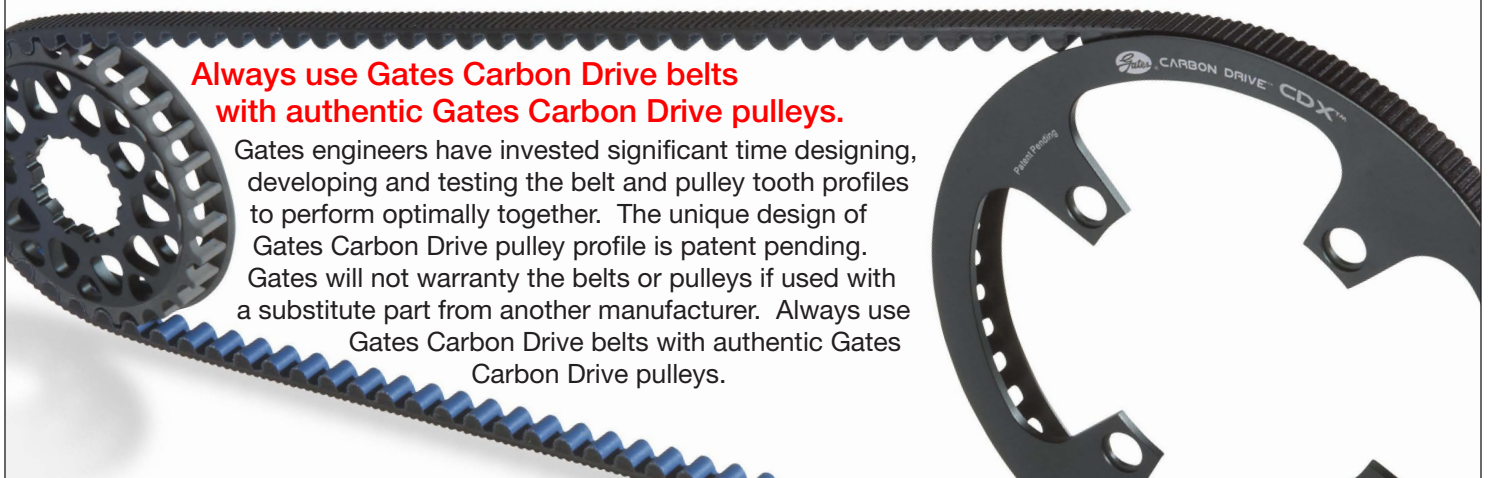
Do not twist



Do not invert

### Always use Gates Carbon Drive belts with authentic Gates Carbon Drive pulleys.

Gates engineers have invested significant time designing, developing and testing the belt and pulley tooth profiles to perform optimally together. The unique design of Gates Carbon Drive pulley profile is patent pending. Gates will not warranty the belts or pulleys if used with a substitute part from another manufacturer. Always use Gates Carbon Drive belts with authentic Gates Carbon Drive pulleys.



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## //: Belt Installation + Alignment



**WARNING:** when installing the belt, do not pry the belt onto pulley or “roll” the belt on by rotating cranks. Doing so could damage the belt and lead to failure. Belt must be installed loosely and then tension when in place.



Do not pry



Do not roll

## //: Retaining Ring Specification - Internal Gear Hubs Only


Gates requires a retaining ring replacement for the standard Shimano® Retaining Ring part #FW7030 for some Alfine® and Nexus® applications due to the dimensional differences between rear pulleys. The replacement Gates retaining ring is part #SR144 and can be ordered directly from Gates. See the table below to determine when to use the Gates Carbon Drive retaining ring vs. the stock Shimano retaining ring.



Gates Part # SR144  
Thickness: 1.44mm  
End Detail: Angled, w/ Gap



Shimano Part # FW7030  
Thickness: 2.0mm  
End Detail: Flat, w/o Gap

 Pulley Part Number	INTERNAL GEAR HUB MODEL				
	ALFINE 11	ALFINE 8	NEXUS 8	NEXUS 7	NEXUS 3
CDX1124NAF10	N/A	Gates: SR144	Gates: SR144	Gates: SR144	Gates: SR144
CDC1124NPN10	N/A	Gates: SR144	Gates: SR144	Gates: SR144	Gates: SR144
CT1124NMN	Shimano: FW7030	Shimano: FW7030	Shimano: FW7030	Shimano: FW7030	Shimano: FW7030

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