

TECHNICAL BULLETIN

April 2023

enviolo Threaded Lock Ring

enviolo is updating the freewheel design by upgrading the sprocket retention device from a snap ring to a threaded lock ring. This change significantly improves the retention of the sprocket in adverse conditions and allows Gates to remove the SureFit interface from the sprockets without sacrificing noise or wear properties.



The new freewheel will be introduced on the CITY (v2) hub starting in Q4 of 2023 and will be migrated to all hub platforms in CY2024. The current MY22 freewheel design end of life is April 2024.

The current enviolo sprockets known as VMN and VSE - which are part of the EV series of sprockets - will no longer be compatible with the new freewheel. The new sprocket design will be designated E9.

Gates will discontinue the EV series of sprockets. Orders of the old EV sprocket design can be changed to the new E9 series until July. By July 1st, all orders of EV sprockets will be final and can no longer be cancelled or changed to the E9 series. enviolo will make the old freewheel available for purchase for customers who miss this deadline or have any remaining stock of the EV sprockets.

	MY22 EV sprockets	MY24+ E9 sprockets
CDX	CT1122VMN	XF1122E9MN
	CT1124VMN	XF1124E9MN
	CT1126VMN	XF1126E9MN
	CT1128VMN	-
CDC	-	CF1122E9SE
	CT1124VSE	CF1124E9SE
	CT1126VSE	CF1126E9SE
	CT1128VSE	-