## TECHNICAL BULLETIN

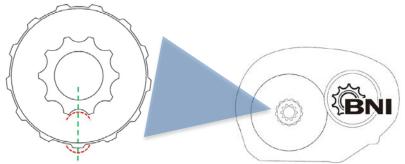


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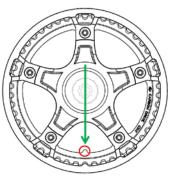
## BOSCH GEN3 CRANK AND SPIDER ALIGNMENT MY18 ACTIVE LINE AND ACTIVE LINE PLUS

Please follow these instructions for proper alignment when installing Gates Carbon Drive spider assemblies and cranks onto Bosch GEN3 drive units. Improper installation will result in crank misalignment with the spider.

1. Identify the single location where the concave portion of the BNI crank spline is aligned <u>exactly</u> with the convex tooth of the spider spline. Rotate the axle to align these features downward. <u>Note that two sets of splines are very close to aligning, but will result in an obvious misalignment of the spider with the crank <u>arm.</u></u>



2. Locate the sprocket alignment tab on the Gates spider assembly and align with the Bosch axlealigned features from Step 1. Install the spider assembly and lock ring (LH thread). Torque the lock ring to 25-30 Nm.



3. Align the drive side crank arm with the sprocket alignment tab and install onto the axle using the appropriate torque specification.

