



Mark Williams Enterprises 765 S. Pierce Avenue Louisville, CO 80027

303-665-6901

contact: **Technical Sales** email: tech@markwilliams.com

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https://electronic-pr.com/2023/06/ev-drivelineproducts/





9322 Crebs Ave. Northridge, CA 91324 **818-854-6136**

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Mark Williams Ent. Expands Into EV Driveline Products

Noted high performance driveline manufacturer Mark Williams Enterprises has developed a new stub axle assembly specifically for the popular IDM-190 power module from electric and hybrid propulsion system maker Cascadia Motion LLC (division of BorgWarner). It facilitates use of the popular Series 15 constant velocity joint (commonly referred to as a "Porsche 930" CV joint). According to MWE president Mark Williams, "We see the Cascade high torque power unit being the choice of many independent EV builders and have developed this rugged assembly to facilitate its use."

Manufactured from a 300M alloy steel forging and heat-treated to over 300,000 psi tensile strength, the unit is double shot-peened and all exposed surfaces given a Cerakote[™] ceramic gray coating for rust protection. The stub shaft features a recess to protect the housing seal from debris and road hazards.

Included in the shaft assembly (M-W p/n IDM-001) is a plated CV cup to retain grease and an Expand Ring to locate the shaft to the axle gear. Available at extra cost are axle spline driveshafts with assembled CV joints.

Founded in 1964, Mark Williams Enterprises is an acknowledged leader in the manufacturing of forged steel axles, modular aluminum rear ends, driveshafts and disc brake systems. Headquartered in Louisville, CO, additional information is available by visiting www.MarkWilliams.com or calling 800-525-1963.