

Race Car Plumbing Made Practical: Brown & Miller Racing Solutions Shares Expert Insights on EPARTRADE Webinar

In the latest episode of *Race Industry Now*, EPARTRADE welcomed Brown & Miller Racing Solutions (BMRS), the globally respected supplier of high-performance plumbing systems, for a deep technical discussion on the challenges and solutions of modern race car plumbing. The webinar, titled “*Race Car Plumbing Made Practical*,” featured **John Harper, Vice President**, and **Scott Hunter, Regional Sales Director**, and was hosted by **Brad Gillie** of *SiriusXM, Ch. 90, Late Shift*.

Practical Solutions for Complex Racing Systems

Harper and Hunter emphasized that plumbing is one of the most overlooked yet critical aspects of race car performance. With today’s engines running higher pressures, tighter tolerances, and more demanding fuel and fluid systems, proper plumbing can make the difference between winning and a DNF.

“Every component in a race car’s plumbing system has to serve a purpose — but it also has to withstand extreme vibration, temperature, and pressure without compromise,” Harper explained. “What BMRS focuses on is making sure teams have confidence in every connection, every fitting, and every line.”

Lightweight, Reliable, and Easy to Service

BMRS has earned its reputation in Formula 1, NASCAR, IndyCar, and endurance racing by engineering lightweight, reliable hose and fitting systems. Hunter highlighted that practicality and serviceability are just as important as performance.

“We’ve designed our systems to not only perform under the toughest racing conditions, but also to allow crews to service them quickly,” Hunter said. “Time in the pits matters, and if a team can make adjustments faster and with greater reliability, that’s a competitive advantage.”

Education and Customization for Every Team

A recurring theme of the discussion was education. Both Harper and Hunter noted that many teams, from grassroots to professional, don’t realize how much performance they may be losing to plumbing inefficiencies.

“Too often, people treat plumbing like an afterthought,” Harper said. “But with the right system design — properly sized lines, correct routing, and the best materials — you gain horsepower, reliability, and safety. That’s why we spend so much time with teams explaining not just *what* to use, but *why* it matters.”

BMRS also specializes in customized solutions. Whether a customer needs a one-off hose assembly for a club racer or a full plumbing package for a professional team, the company delivers tailored systems designed to meet specific performance and budget requirements.

A Trusted Partner in Motorsports

Gillie noted during the discussion that BMRS has become synonymous with innovation and reliability in motorsports plumbing. From aircraft-grade hose materials to rapid-assembly fittings, BMRS continues to set benchmarks for the industry.

“Race car plumbing can be intimidating, but companies like BMRS make it practical,” Gillie concluded. “They take something complex and turn it into a competitive advantage for their customers.”

For more information, [watch the full webinar here.](#)