



ORSCHELN®

INSPIRING SOLUTIONS



PRODUCTS OVERVIEW

Cables, Levers, Dipsticks, Shifters, Pedals, and More



www.OrschelnProducts.com



1177 N. Morley St.
Moberly, MO 65270
USA



1+ 660.269.2044



sales@orscheln.com

OUR CORE VALUES

At Orscheln, our goal is simple: deliver high-quality, customized solutions that meet or exceed industry standards. We're not in the business of selling commodities. As a proud American manufacturer, every product we build reflects our commitment to U.S. craftsmanship, durability, and engineering excellence.

For more than 80 years, Orscheln has stood behind the On-Highway, Off-Highway, and Aerospace & Defense industries with trusted engineering, expertise, dependable quality, and the capability to deliver on the toughest specifications—proudly built in Missouri.

Our customer partnerships are founded on trust. We strive to be the kind of U.S. supplier you can depend on—transparent, responsive, and fully invested in your success. We listen, we collaborate, and we adapt as your needs evolve.

We don't chase trends—we innovate with purpose. Every advancement we make is driven by real-world challenges and a commitment to continuous improvement, ensuring we bring smarter, more efficient solutions to the market.

Welcome to Orscheln: an American manufacturer where quality leads, partnership drives progress, and every solution is built with purpose.



WHY CHOOSE ORSCHLEN

With more than 80 years of industry expertise, Orscheln Products delivers innovative motion-control solutions engineered for demanding applications. As a trusted U.S. manufacturer, we combine engineering, prototyping, testing, and full-scale production under one roof to ensure consistent quality and dependable performance. Our global presence—including teams in the United Kingdom, China, and India—allows us to support customers worldwide with responsive, localized service. Orscheln products can also be validated to rigorous standards such as MIL-STD-810 and RTCA DO-160, reflecting our commitment to reliability and precision. Our diverse market includes:

- On-Highway
- Construction
- Aerospace
- Agriculture
- Recreation
- Defense

TESTING

- Pressurization
- Humidity
- Fluids Susceptibility
- Sand & Dust
- Ultimate Load
- Remote Witness
- Endurance
- Cycle
- Temperature
- Thermal Shock
- Vibration
- Water Ingress
- Corrosion
- Icing - Cat A

CERTIFICATIONS

- ISO 9001: 2015
- ISO 14001: 2015
- AS9100D
- FAA PMA
- 14 CFR 21.303



MECHANICAL CONTROL CABLES

Designed and made custom here in the USA. Orscheln Products offers high-quality standard cables—Push-Pull, PTO, Vernier, Universal, Valve, Throttle, and Tension—

engineered for reliable, versatile, and precise performance. Our cables feature multiple core options—from flexible, high-performance coated cores to solid stainless-steel designs—available across 3-, 4-, 6-, and 8-Series configurations. Polymer liners and factory lubrication ensure smooth, reliable performance in temperatures from -65°F to $+300^{\circ}\text{F}$. A stranded, oil-tempered conduit protects the core while maintaining flexibility and resistance to extreme push, pull, and tensile loads. Heavy-duty polymer or nylon-based jackets provide additional strength and temperature capability. Corrosion-resistant stainless-steel or aluminum end fittings, custom-compounded seals and boots, and exclusive polymer rod-and-sleeve bearing to prevent contamination, reduce wear, and extend cable life.



ELECTRONIC THROTTLE PEDALS

Orscheln pedal solution is designed for easy installment and ensures a hassle-free setup process. The flexible mounting & positioning options allow for seamless integration into various vehicle configurations. With the validation of over 10,000,000 full-stroke cycles, they're built to long withstand rigorous usage and harsh environments. Equipped with a long-lasting programmable Hall-Effect sensor, our ETC ensures consistent & precise throttle response over extended periods of use. Such versatility makes our product suitable for various vehicle types.

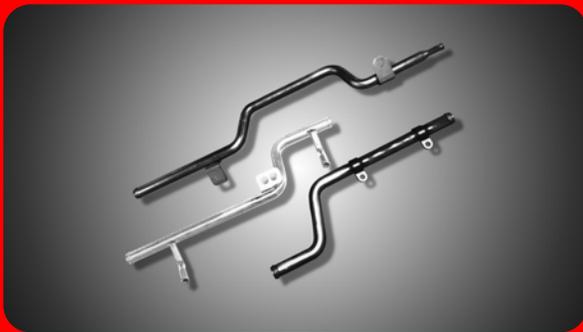
FLUID LEVEL INDICATORS

Commonly referred to as dipsticks, Orscheln's patented Twist2Lock™ fluid level indicators are engineered to deliver dependable, leak-free performance in the engine and transmission environments. This assembly is compatible with both polymer and metal tube materials and supports tube bends up to 2 inches, allowing flexible routing without compromising performance. Designed to operate reliably in temperatures ranging from -40°F to $+225^{\circ}\text{F}$ (-40°C to $+107^{\circ}\text{C}$), our dipsticks are built for durability. Offered in standard configurations or fully customized to meet OEM packaging and service requirements, Orscheln dipsticks integrate seamlessly across a wide range of on-highway, off-highway, industrial, and powertrain systems.



HARD LINE TUBES

Orscheln manufactures fluid-transfer tubes in stainless steel or carbon steel, finished in a durable raven-black coating. These assemblies support multiple vehicle systems—coolant return manifolds, transmission oil lines, compressed-air pathways, and engine-oil circuits. Leveraging in-house design and testing, we deliver optimized solutions for both zero-emission (ZE) vehicles and conventional ICE applications.



TRANSMISSION SHIFTERS



PBSS (Push Button Shift Selectors)

Part of the *Shift-X-Wire* system, offers efficient and precise control for EV or Hybrid Transmissions. It is compatible with Allison Transmission models 1k, 2k, 3k, and 4k, ensuring seamless integration and functionality. The PBSS also includes a display that allows users to access Transmission DTC codes, providing valuable diagnostic information. Additionally, our PBSS supports custom DTC code text, enabling personalized troubleshooting. With its IP67 rating, the system is designed to withstand challenging environmental conditions, ensuring durability and reliability in various applications.



Hand-Lever Shifters

Orscheln offers different handle styles, providing ergonomic and comfortable shifting options. Additionally, it supports auxiliary transmission shifting, allowing for enhanced control and versatility. Our shifter incorporates a CAN programmable sensor, enabling customization and integration with the vehicle's control systems. It also features a Hall Effect Sensor, ensuring accurate and reliable detection of lever position for precise shifting.



PARK BRAKE SYSTEM

Park Brake Levers

Orscheln has been setting the industry standard for over 75 years with our exceptional over-center-style Park Brake Levers and Foot Pedal Levers. With a wide range of mounting configurations, handle lengths, locking mechanisms, and light switch options, we offer unparalleled versatility. Our standard durable levers provide the ideal solution for various applications, and these reliable levers ensure secure and efficient operation. In situations that call for specific mounting or customized features, we possess the expertise and capability to design levers tailored to meet your unique requirements.



Park Brake Cables

Orscheln park brake cables are a premium design. Our fully jacketed conduit and plastic-coated strand provide corrosion and abrasion protection while improving cable efficiency. Brake Cables are sealed to keep lubricant in and dirt and water out. We also offer cable hardware to connect your cable to any common parking brake systems, including equalizers for 2 brake systems.





ORSCHELN®

CONTACT US



www.OrschelnProducts.com



+1 660.263.4377



Sales@orscheln.com

