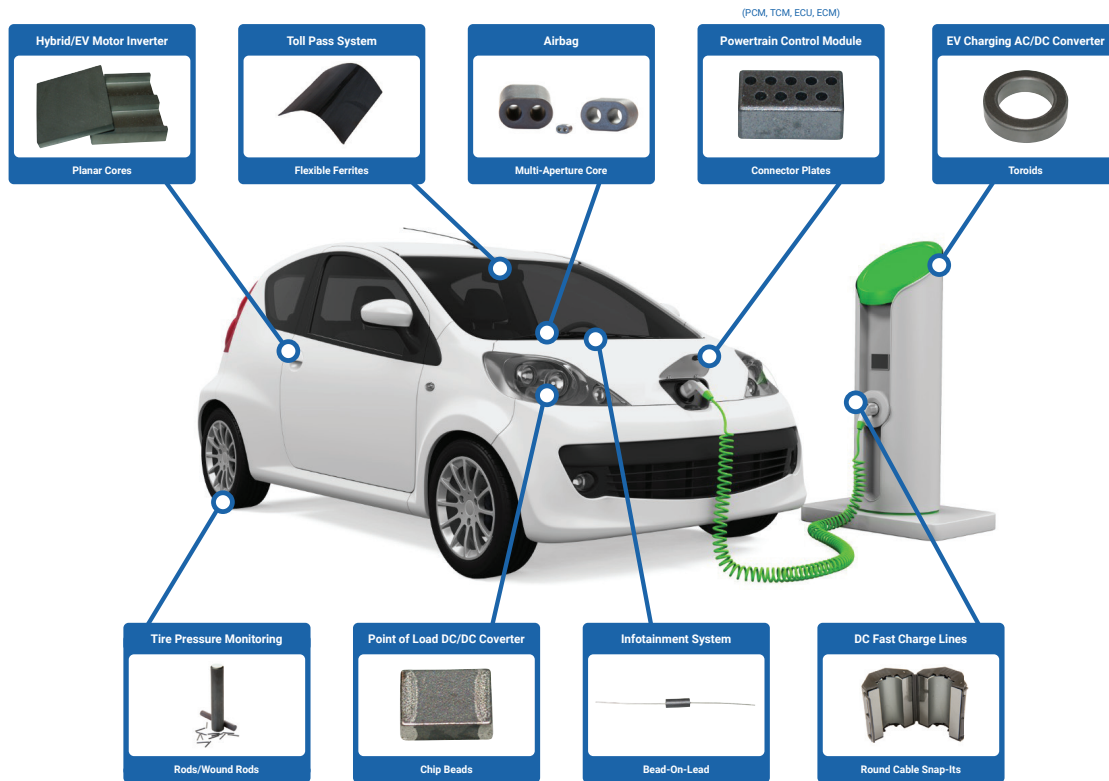


# FAIR-RITE AUTOMOTIVE SOLUTIONS

## COMMON AUTOMOTIVE USES



As electronic components continue to revolutionize the automotive industry, the technology behind the everyday vehicle is becoming increasingly advanced. However, the sophisticated nature of these developments comes with a steady rise in the risk of electromagnetic interference (EMI). With over 65 years of history in the industry, Fair-Rite Products Corp. is **Your Signal Solution®**. Fair-Rite is a registered ISO 9001 and IATF 16949 company that can provide the high quality components to solve all your automotive electromagnetic compliance (EMC) needs, and our domestic and foreign manufacturing facilities can help ensure a resilient supply chain for everyone.

Unlike vehicles in the past, today's automobile has electrical systems throughout the entire cabin. These complex systems can have different voltages and give off varying EMI, making ferrites integral in the following:

- **Airbags:** Multi-Aperture Cores
- **Headlights:** Chip Beads
- **Infotainment System:** Bead-on-Lead
- **Tire Pressure Monitoring:** Rods and Wound Rods
- **Hybrid/EV Motor Inverters:** Planar Cores

Ferrites can also be found in a variety of external systems and accessories, including the following:

- **Charging Stations:**
  - EV Charging AC/DC Converter: Toroids
  - DC Fast Charge Lines: Round Cable Snap-Its
- **Toll Pass Systems:** Flexible Ferrites
- **Autonomous Vehicle Sensors:** Custom Ferrite Components

Whether it's a simple solution using one of our catalog-standard components or a highly sophisticated problem that requires a fully-tailored approach from our Machine Shop and engineers, Fair-Rite will be ready to **DESIGN, DEVELOP, and DELIVER** to the customer's needs.

For more information on common applications, visit our website: [www.fair-rite.com](http://www.fair-rite.com)