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Light Duty Hybrid and Electric Vehicles

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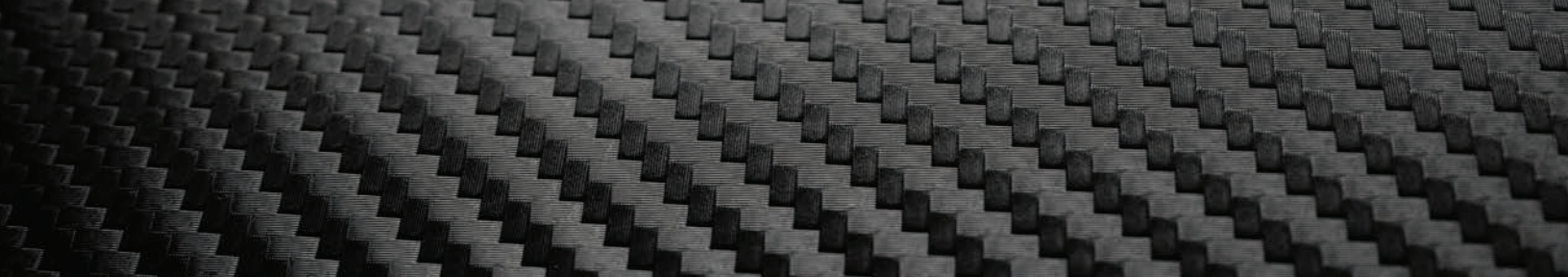
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Note to Students

This book was created to help you on your path to a career in the transportation industry. Employability basics covered early in the text will help you get and keep a job in the field. Essential technical skills are built in, cover to cover, and are the core building blocks of an advanced technician's skill set. This book also explores strategy-based diagnostics—a method used to solve technical problems correctly on the first attempt. For a list of which industry-standard recommended tasks are covered in this text, please refer to Appendix A.

As you navigate this text, ask yourself, “What does a technician need to know and do at work?”

This text is set up to answer that question. Each chapter starts by listing the learning objectives that guide the technician's focus for that chapter. Each chapter ends with review activities to reinforce the material presented and topics learned. The content of each chapter is written to explain each objective. As you study, continue to ask the question above. Gauge your progress by imagining yourself as the technician. Do you have the knowledge, and can you perform the tasks listed at the beginning of each chapter? Combining your knowledge with hands-on experience is essential to becoming a Master Technician.

During your training, remember that the best thing you can do as a technician is to learn how to learn. This skill will serve you well because vehicles keep advancing, and good technicians keep up with those advances and seek opportunities for additional education.

Stay curious. Ask questions. Practice your skills, and always remember that one of the best resources you have for learning is right there in your classroom: your instructor.

Best wishes and enjoy!

The CDX Automotive Team