- Chapter 1 Introduction to Servicing Heavy-Duty Trucks
- Chapter 2 Shop Safety and Operations
- Chapter 3 Tools and Fasteners
- Chapter 4 Preventive Maintenance Program
- Chapter 5 Fundamentals of Electricity
- Chapter 6 Fundamentals of Electronics and Computers
- Chapter 7 Charging, Starting, and Chassis Electrical Circuits
- Chapter 8 Diagnosis and Repair of Electronic Circuits
- Chapter 9 Clutches
- Chapter 10 Standard Transmission
- Chapter 11 Standard Transmission Servicing
- Chapter 12 Torque Convertors
- Chapter 13 Automatic Transmissions
- Chapter 14 Automatic Transmission Maintenance
- Chapter 15 Electronically Automated Standard Transmissions
- Chapter 16 Allison Commercial Electronic Control Transmissions
- Chapter 17 Allison World Transmission
- Chapter 18 Drive Shafts and Driveline Retarders
- Chapter 19 Heavy Duty Truck Axles
- Chapter 20 Heavy Duty truck Axle Service and Repair
- Chapter 21 Steering systems
- Chapter 22 Suspension Systems
- Chapter 23 Wheels and Tires
- Chapter 24 Truck Brake Systems
- Chapter 25 Hydraulic and Air-over-Hydraulic Braking Systems
- Chapter 26 ABS Braking Systems
- Chapter 27 Air Brake Servicing
- Chapter 28 Vehicle Chassis Frame
- Chapter 29 Heavy Duty Truck Trailers
- Chapter 30 Fifth Wheels and Coupling Systems
- Chapter 31 Heavy Duty Heating and Air-Conditioning Systems
- Glossary