

### **ADVANCED TPMS**

Advanced Tire Pressure Monitoring Systems (TPMS) is a 250-level program that focuses on the manufacturer-specific requirements for the most popular domestic and import vehicle/sensor manufacturers. This program is designed to give the experienced technician more in-depth information regarding the identification, maintenance, reprogramming, and diagnostic procedures and includes an 8.5 x 11 version of TIA's TPMS Relearn Chart that includes the relearn summaries and replacement part numbers for most domestic and import vehicles. Advanced TPMS has 4 Modules:

- Module 1 – TPMS Identification
- Module 2 – TPMS Service Requirements
- Module 3 – TPMS Relearn Procedures
- Module 4 – TPMS Diagnostics

### **BASIC AUTOMOTIVE TIRE SERVICE**

Basic Automotive Tire Service (ATS) is a 200-level minimum skills training and certificate program that outlines and explains the guidelines for servicing passenger and light truck tire and wheel assemblies. It includes the step-by-step procedures for: lifting the vehicle; removing the assembly; demounting, mounting and inflating; balancing; tire repair; and wheel installation. Basic ATS places special emphasis on the relationship between torque and clamping force so technicians have a thorough understanding of the necessary steps to ensure wheel retention on steel and aluminum wheels. Basic Automotive Tire Service has 10 Modules:

- Module 1 – Introduction
- Module 2 – Tires
- Module 3 – Wheels & Fasteners
- Module 4 – Raising the Vehicle
- Module 5 – Tire/Wheel Assembly Removal
- Module 6 – Torque & Clamping Force
- Module 7 – RIST
- Module 8 – Demounting, Mounting & Inflation
- Module 9 – Balance and Run-out
- Module 10 – Puncture Repair

### **BASIC COMMERCIAL TIRE SERVICE**

Companies that wish to provide OSHA compliance training for new hires and experienced technicians using an in-house program without certification can participate in the Basic Commercial Tire Service (CTS) Program (200 Level). Basic Commercial Tire Service has 12 Modules:

- Module 1: Safety
- Module 2: Basic Tire Info
- Module 3: Rims and Wheels
- Module 4: OSHA Regulations
- Module 5: Jacking and Lifting
- Module 6: Torque
- Module 7: Wheel End Safety
- Module 8: Hub-Pilot Wheels
- Module 9: Stud-Pilot Wheels
- Module 10: Demountable Rims
- Module 11: Single-Piece
- Module 12: Multi-Piece

### **BASIC EARTHMOVER TIRE SERVICE**

TIA's 200 Level Basic Earthmover Tire Service (ETS) Training Program for OTR tire technicians outlines the minimum skills and safety guidelines for servicing one-piece, three-piece, five-piece, and double gutter OTR assemblies. Basic Earthmover Tire Service has 15 Modules:

- Module 1 – Introduction
- Module 2 – Tires, Rims & Valves
- Module 3 – Service Truck Operation
- Module 4 – Site Preparation & Equipment Lifting
- Module 5 – Hydraulic Bead Breakers & Rams
- Module 6 – Service One-Piece on Machine
- Module 7 – Service Three-Piece on Machine
- Module 8 – Service Five-Piece on Machine
- Module 9 – Service Double Gutter on Machine
- Module 10 – Service One-Piece Loose
- Module 11 – Service Three-Piece Loose
- Module 12 – Service Five-Piece Loose
- Module 13 – Wheel & Rim Fastening Systems
- Module 14 – Install & Remove Wheel Fitment
- Module 15 – Install and Remove Rim Fitment

### **BASIC FARM TIRE SERVICE**

Basic Farm Tire Service (FTS) is a 200-level minimum skills training and certificate program that outlines and explains the guidelines for servicing farm, agricultural and construction tire and wheel assemblies. It includes the step-by-step procedures for demounting, mounting and inflating single, dual and 3-piece assemblies in addition to service truck operation and liquid ballast installation/removal. Basic Farm Tire Service has 11 Modules and an Appendix:

- Module 1 – Introduction
- Module 2 – Tires
- Module 3 – Rims, Wheels, and Valves
- Module 4 – Service Truck Operation and Maintenance
- Module 5 – Lifting the Machine
- Module 6 – Hydraulic Tool Operation and Maintenance
- Module 7 – Single Piece Demount, Mount & Inflate on Machine
- Module 8 – Single Piece Demount, Mount & Inflate off Machine
- Module 9 – Dual Demount, Mount & Inflate
- Module 10 – 3-Piece Demount, Mount & Inflate on Machine
- Module 11 – Install and Remove Liquid Ballast
- Appendix