

## Level 300 – Certified Automotive Tire Service (ATS) Training Course

Automotive Tire Service (ATS) is a 300-level certification program that provides in-depth and comprehensive instruction on the recommended procedures for servicing modern automobile and light truck tires.

Certified ATS is designed for the professional passenger and light truck tire technician, so the subjects range from the relationship between torque and clamping force to the TPMS relearn procedures on domestic and import vehicles.

ATS 300-level includes hands-on demonstration and training.

Those who successfully pass the three-day course will be certified as 300-level tire technicians and will receive a certificate of completion.

**\*Students of the Level-300 course are required to have a minimum 3 months of hands-on experience\***

Following is a list of the 18 modules that make up the Certified ATS Level-300 Program:

### **Module 1 – Introduction**

Covers personal protective equipment (PPE) and general shop safety practices.

### **Module 2 – Tires**

Covers tire construction, nomenclature, sizing, application, and replacement guidelines.

### **Module 3 – Wheel & Fasteners**

Covers wheel and rim nomenclature as well as fastener and bolt hole identification.

### **Module 4 – Raising the Vehicle**

Addresses the step-by-step procedures and safety guidelines for lifting a vehicle with an above-ground lift or floor jack and jack stands.

### **Module 5 – Tire/Wheel Assembly Removal**

Covers the procedures for removing the assembly from the vehicle including wheel locks and wheel covers.

### **Module 6 – RIST**

Covers the step-by-step procedures for wheel installation and explains the relationship between torque and clamping

### **Module 7 – Demounting, Mounting and Inflation**

Covers the step-by-step procedures for demounting, mounting and inflating tires on rims.

### **Module 8 – Balance and Run-out**

Address the basic principles of balance and run-out including the use of pin-plates to secure the assembly to the balancer.

### **Module 9 – Puncture Repair**

Covers the general industry guidelines for puncture repairs in passenger and light truck tires.

### **Module 10 – Tire Conditions Analysis**

Uses images from the Passenger and Light Truck Tire Conditions Manual to show technicians the signs of common problems that may require removal from service.

### **Module 11 – TPMS Education**

Explains the different types of TPMS currently in use and how they can be identified.

### **Module 12 – TPMS Service**

Covers the step-by-step procedures for servicing valve stem and band-mounted sensors.

### **Module 13 – TPMS Relearn Procedures**

Provides a brief overview of the relearn requirements using the TPMS Relearn Charts

### **Module 14 – TPMS Diagnostics**

Covers the necessary steps to correct a malfunction with common electronic scan tools.

**Module 15 – RMA Care and Service of Automobile and Light Truck Tires**

**Module 16 – ALI Lift Point Guide**

**Module 17 – Load & Inflation Tables**

**Module 18 – Tire Dimensions Tables**

### **ATS Technician Certification Includes:**

- TIA Automotive Tire Service (ATS) Manual
- TIA Certified ATS Technician Certificate
- 13 TIA Certified ATS Technician Uniform Patches

Certification is valid for two years, at which time you will receive notification that it is time to recertify.

The Recertification Exam is available online allowing for easy access anytime and anywhere within the window of availability.

**For more information, pricing or to book your spot contact:**

**Ontario Tire Dealers Association**

**E – [info@otda.com](mailto:info@otda.com)**

**P – 289-887-4046**