

## Training and Education

Tire technician training is an often overlooked yet essential aspect of any retail tire location.

With the appropriate training, a tire technician will be better equipped to deal with all aspects of their job, including vehicle lifting, tire repair, mount/demount, and TPMS service.

The **Ontario Tire Dealers Association** delivers numerous comprehensive training programs that combine in-class and hands-on training.

### Automotive Tire Service (passenger & Light Truck)

OTDA-offered Automotive Tire Service (ATS) Training and Certification courses were developed by The Tire Industry Association (TIA) and are recognized across North America as industry-leading training programs.

All courses are delivered in an in-class setting and include hands-on training and evaluation.

#### Available Programs:

##### ATS Level 100 – Intro to Automotive Tire Service

- Intro to ATS – is designed for non-technicians (counter and sales staff)

##### ATS Level 200 – Basic Automotive Tire Service

- Basic ATS is designed for new hires/entrants into the Tire Technician field

##### ATS Level 300 – Certified Automotive Tire Service

- Certified ATS is a certification-based program for professional passenger and light truck tire technicians.

### Commercial Vehicle Wheel Service

Additionally, the Province of Ontario requires anyone who removes or replaces wheels on trucks, trailers, and motor coaches to complete and be certified under the Commercial Vehicle Wheel Service (CVWS) training program.

The CVWS course is based on the “Practical Tire & Wheel Service” training handbook

The certification training program consists of 17 learning modules and allows individuals to become certified to conduct commercial tire service in the province of Ontario.

ATS and CVWS training programs are offered throughout the year; more program-specific information and course dates can be found by visiting the OTDA website at [www.OTDA.com](http://www.OTDA.com), by email at [info@otda.com](mailto:info@otda.com) or by phone at **289-887-4046**.

## Level 100 – Intro To Automotive Tire Service (ATS) Training Course

Intro to Automotive Tire Service (ATS) is a 100-level training course designed for non-technicians in the passenger and light truck tire industry who need orientation to the service procedures for all types of automotive tire and wheel assemblies.

By staying focused on what steps and guidelines are necessary for passenger and light truck tire service without going into the step-by-step detail, students will better understand how decisions made at the point of sale impact the service process.

Intro to ATS creates the link between sales and service because the recommendations made to the customer at the counter are consistent with the shop's best practices and industry guidelines, including vehicle lifting, mount/demount, RIST, and puncture repair demonstrations.

Intro to ATS also includes a sales module that addresses the basic principles for selling tires and includes helpful tips to improve the overall customer service experience.

Intro to Automotive Tire Service (ATS) is a one-day training course.

**\*Intro to ATS – Level 100 is designed for non-technicians (counter and sales staff)\***

Following is a list of the 5 modules that make up Intro to ATS – Level 100:

### **Module 1 – Passenger and Light Truck Tires**

Tire construction, tread designs/ components, sizing, speed rating, load/inflation, DOT code, UTQG, replacement guidelines, plus-sizing, 2-tire replacement, tire rotation patterns, tire repair guidelines, tire repair procedures

### **Module 2 – Passenger and Light Truck Rims, Wheels & Hubs**

Wheel design and components, bolt circle, bolt holes, wheel offset, wheel/rim measurements, 16.5/16- inch, lug nut design, torque & clamping force, RIST installation procedure

### **Module 3 – Passenger and Light Truck Tire Service**

Vehicle lifting, assembly removal, demounting/mounting, inflation safety, balance.

### **Module 4 – TPMS**

TPMS identification, direct/in-direct identification, sensor service, relearn procedures.

### **Module 5 – Sales**

Customer service, greet the customer, analyze the need, make recommendations, ask for the order.

**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](tel:289-887-4046)**

## Level 200 – Basic Automotive Tire Service (ATS) Training Course

Basic Automotive Tire Service (ATS) is a 200-level limited skills training and certificate program that outlines and explains the guidelines for servicing passenger and light truck tire and wheel assemblies.

Basic ATS 200-level includes the step-by-step procedures for lifting the vehicle, removing the assembly, demounting, mounting, and inflating; balancing; tire repair; and wheel installation.

Those who successfully pass the two-day course will receive a certificate of completion.

**\*ATS Level-200 is designed for new hires/entrants into the Tire Technician field\***

Following is a list of the 10 modules that make up the ATS Level-200 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 – Torque & Clamping Force**

Explains the relationship between torque and clamping force including laboratory tests that show the effects of lubricants.

### **Module 7 – Rist**

Stands for Remove, Inspect, Snug and Torque and this module covers the step-by-step procedures for wheel installation using the RIST procedure.

### **Module 8 – Demounting, Mounting and Inflation**

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

### **Module 9 – 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 10 – Puncture Repair**

Covers the general industry guidelines for puncture repairs in passenger and light truck tires as well as the step-by-step procedures for installing one-piece and two-piece repair basic automotive systems.

### **ATS Level-200 Includes:**

- ATS Level-200 Manual
- TIA Certificate of Completion

**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**

## 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**