

BASIC AUTOMOTIVE TIRE SERVICE (ATS)

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.

Following is a list of the 10 Modules that make up the **Basic Automotive Tire Service (ATS) 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 & Inflation.

Covers the step-by-step procedures for demounting, mounting and inflating tires on rims with valve stem and band-mounted sensors.

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 systems.



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WORKING FOR THE INDUSTRY...WORKING FOR YOU.

BASIC AUTOMOTIVE TIRE SERVICE (ATS) TRAINING PROGRAM ORDER FORM



To receive your Basic ATS Training materials, please complete and return this form with payment to Tire Industry Association (TIA). Incomplete forms will not be processed. Materials and billing will be mailed to the address listed below.

Date _____

Company _____

Contact _____

Street Address _____

City _____ State _____ Zip+4 _____

Country (if other than U.S.) _____ Postal Code _____

Phone _____ Fax _____

PRICING INFORMATION

Instructor's Guide and DVD: \$150 Member \$300 Non-member
Sold as a Set – comes with one Student Workbook

Student Workbooks:	1-10	11-25	26-50	51-99	100+
Member	\$35 ea.	\$32 ea.	\$30 ea.	\$27 ea.	\$25 ea.
Non-member	\$65 ea.	\$62 ea.	\$60 ea.	\$57 ea.	\$55 ea.

Additional Tests: \$20 Member \$40 Non-member

ORDER INFORMATION

Please send me _____ Instructor Guide/DVD Set(s) at \$_____ each\$_____

Please send me _____ Student Workbooks at \$_____ each\$_____

Please send me _____ Additional Tests at \$_____ each\$_____

Total due\$_____

PAYMENT INFORMATION

- Please invoice. Use my PO# _____
- My check payable to TIA is attached for \$_____
- Please charge my credit card. MasterCard Visa American Express

Complete credit card information below:

Name on Card _____

Card Number _____

Signature _____ Exp. Date _____