

2023– 2024 Automotive Program MINIMUM Required Tool List

FIRST YEAR

All Anoka Technical College Automotive Students are **required** to provide their own **Professional** quality set of hand tools and have them available for lab use each day that you are at school. The list that follows contains the **Minimum** tool requirements to start the **First Year** of our program. When you are employed as a technician, it is impossible to know what vehicles you will be working on that day or what specific tools you will need. The same is also true while you attend school at ATC. We have taken a great deal of time to reduce the tools required in our program to the bare minimum, to reduce your initial expense. It is important to remember that **Professional** quality tools are an investment in yourself and your future career. To reduce your initial expense, we have separated the tool requirements into a **First Year** and a **Optional** set. These tools will eventually be required on the job as an automotive technician.

Our program schedules a formal Tool Day each year in July. Representatives from a variety of professional tool manufacturers will visit our classroom during the first week or so of classes. Although you are not obligated to purchase tools from these vendors, they can help with both tool selection and purchase options. The professional tool manufacturers do offer a discount of approximately 50% on the purchase of their tools through their respective Vocational Education programs. You will be eligible for this discount the entire time you are enrolled in our program. The Vocational Education pricing is **ONLY** available through this program and is not honored by the independent business owners driving the tool trucks that may stop at your place of employment.

You are responsible for the organization, care, storage, and security of your tools. You will be expected to provide tool storage. The school does not insure your tools. Most homeowner's insurance policies will cover some tools although there is usually a limit to that coverage. Insurance in excess of that limit will typically require an additional low-cost rider. Contact your insurance company for specific details. Internship work sites or some part-time jobs you may elect to participate in while attending school may require that you have additional tools.

You are responsible for knowing what tools are required at your work site and transporting tools between school and work as required.

Sna-onTool Set part #SEPPREMET and Matco ANOKASET are preapproved and have the required tools included. They are not identical and tool vendors may need to make substitutions based on availability.

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| <input type="checkbox"/> 3/8" Drive Socket Set- w/ Ratchet & U-Joint- 6 pt. 8 to 19mm | <input type="checkbox"/> Vise Grip Pliers 8-10" |
| <input type="checkbox"/> 3/8" Drive Extensions- 1", 3", 6", & 11" long | <input type="checkbox"/> Screwdriver Set (6 pieces minimum) Standard & Phillips |
| <input type="checkbox"/> 3/8" Drive Long Flex Head Ratchet | <input type="checkbox"/> Wire Stripper/Cutter/Crimping Pliers |
| <input type="checkbox"/> 3/8" Drive Deep Sockets- 6 pt. 8 to 19mm | <input type="checkbox"/> Snap Ring Pliers, Interchangeable Tip |
| <input type="checkbox"/> 3/8" Drive Hex Bit Sockets 4mm to 10mm | <input type="checkbox"/> LED Penlight or Pocket Flashlight |
| <input type="checkbox"/> 3/8" Drive Internal Torx Driver Set (including T8 to T55) | <input type="checkbox"/> Rigid Gasket Scraper |
| <input type="checkbox"/> 3/8" Drive Spark Plug Socket (13/16") | <input type="checkbox"/> 2" Inspection Mirror |
| <input type="checkbox"/> 3/8" Drive Spark Plug Socket (5/8") | <input type="checkbox"/> HD Magnetic Pick-up Tool |
| <input type="checkbox"/> 3/8" to 1/2" Drive Adapter | <input type="checkbox"/> 2 Fender Covers |
| <input type="checkbox"/> 1/2" to 3/8" Drive Adapter | <input type="checkbox"/> Tire Pressure Gauge 100 psi Minimum |
| <input type="checkbox"/> 1/2" Ratchet | <input type="checkbox"/> Tire Tread Depth Gauge |
| <input type="checkbox"/> 1/2" Drive Breaker Bar 18" minimum" | <input type="checkbox"/> Tire Air Chuck w/ Milton Type M #727 Quick*** Connect Air Nipple |
| <input type="checkbox"/> 1/2" Drive Extensions 5" & 10" | <input type="checkbox"/> TPMS Compliant Torque Limiting Schrader Valve Core Tool |
| <input type="checkbox"/> 1/2" Sockets Std. 12mm to 24mm | <input type="checkbox"/> Blow Gun- OSHA Approved w/ Milton Type M #727 Quick Connect Air Nipple |
| <input type="checkbox"/> 1/2" Drive 15 to 250 ft.lb. Digital Torque Wrench | <input type="checkbox"/> 12 Volt Incandescent Test Light/Circuit Tester Snapon EECT3HL, Matco, CT24, (NO LED test lights) |
| <input type="checkbox"/> Combination Wrench Set-10 to 19mm | <input type="checkbox"/> Ear Protection Headphone style with ear cups |
| <input type="checkbox"/> 12" Adjustable Wrench | <input type="checkbox"/> 2 pair Clear ANSI Z87.1 Safety Glasses |
| <input type="checkbox"/> 3-4 piece Angled Pry Bar set | <input type="checkbox"/> 4-piece Mini Pick Set |
| <input type="checkbox"/> 24 oz. Dead Blow Ball Peen Hammer | <input type="checkbox"/> Tool Storage Roller Cabinet (55" wide MAX) |
| <input type="checkbox"/> Combination Pliers 7-8" | |
| <input type="checkbox"/> Side Cutter Pliers (not Lineman's Pliers) 7-8" | |
| <input type="checkbox"/> Adjustable Arc Joint Pliers 9-10" | |
| <input type="checkbox"/> Needle Nose Pliers 7" | |

2023 – 2023 Automotive Program Additional Tool List

All Anoka Technical College Automotive Students are **required** to provide their own **Professional** quality basic set of hand tools and have them available for lab use each day that you are at school. Professional quality tools are an investment in yourself and your career.

The list that follows contains the **Minimum** tools **Required** to start the **Second Year** of our program.

Our program schedules a formal Tool Day each year in July. Representatives from a variety of professional tool manufacturers will visit our classroom during the first week or so of classes. Although you are not obligated to purchase tools from these vendors, they can help with both tool selection and purchase options. The professional tool manufacturers do offer a discount of approximately 50% on the purchase of their tools through their respective Education programs. You will be eligible for this discount the entire time you are enrolled in our program. The Education pricing is **ONLY** available through this program and is not honored by the independent business owners driving the tool trucks that may stop at your place of employment.

You are responsible for the organization, care, storage, and security of your tools. You will be expected to provide secure tool storage. The school does not insure your tools. Most homeowner's insurance policies will cover some tools although there is usually a limit to that coverage. Insurance more than that limit will typically require an additional low-cost rider. Contact your insurance company for specific details. Internship work sites or some part-time jobs you may elect to participate in while attending school may require that you have additional tools.

You are responsible for knowing what tools are required at your work site and transporting tools between school and work as required.

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| <input type="checkbox"/> 1/4" or 3/8" Drive Impact Driver w/ Milton Type M#727 Quick Connect Air Nipple OR 1/4" or 3/8" Drive Cordless Impact Driver | <input type="checkbox"/> Antifreeze/DEF Refractometer |
| <input type="checkbox"/> 3/8" Drive Extensions- 18" & 24" long | <input type="checkbox"/> LED Trouble Light corded or cordless |
| <input type="checkbox"/> 3/8" Drive External Torx Driver Set (E4 to E12) | <input type="checkbox"/> Punch and Chisel Set (Pin, Starting & Center) |
| <input type="checkbox"/> 1/4" to 3/8" Drive Adapter | <input type="checkbox"/> Magnetic Parts Tray |
| <input type="checkbox"/> 3/8" to 1/2" Drive Adapter | <input type="checkbox"/> Feeler Gauge- Standard- .0015"- .030" |
| <input type="checkbox"/> 3/8" Drive 10 to 100-150 ft.lb. Digital Torque Wrench | <input type="checkbox"/> Feeler Gauge- Metric- .05 – 1.0mm |
| <input type="checkbox"/> 3/8" Drive Ratchet w/ Milton Type M#727 Quick Connect Air Nipple OR 3/8" Cordless Ratchet | <input type="checkbox"/> Sparkplug Gap Gauge Wire style- Narrow Gap |
| <input type="checkbox"/> 3/8" Drive Impact Sockets- 6 pt. 8 to 19mm Std & Deep | <input type="checkbox"/> Sparkplug Gap Gauge Wire style- Wide Gap |
| <input type="checkbox"/> 1/2" Drive Extensions 12" & 18" | <input type="checkbox"/> Battery Top Terminal Cleaner w/ Spring Steel cutting blades and brush for side terminals |
| <input type="checkbox"/> 1/2" Drive Internal Torx Driver T60 | <input type="checkbox"/> Electronic Ignition Spark Tester (KD2756 Spark Plug w/ Grounding Clip style) |
| <input type="checkbox"/> 1/2" Drive Impact Wrench w/ Milton Type M#727 Quick Connect Air Nipple OR 1/2" Drive Cordless Impact Wrench | <input type="checkbox"/> Universal Door Panel Removal Tool |
| <input type="checkbox"/> 1/2" Drive 6 pt. Metric Deep Impact Sockets 10 to 24mm | <input type="checkbox"/> Oil Filter Wrench Kit |
| <input type="checkbox"/> Flare Nut Wrench Set-Metric | <input type="checkbox"/> General Brake Service Kit with Brake Shoe Spring Tool, Star Wheel Adjustment Tool, & Universal Brake Hold Down Spring Tool |
| <input type="checkbox"/> Side Terminal Battery Wrench- Ratcheting | <input type="checkbox"/> 25' Tape Measure |
| <input type="checkbox"/> Torx Screwdriver Set T10 to T30 | |
| <input type="checkbox"/> 3 to 4 lb. Hand Drilling Hammer | |
| <input type="checkbox"/> Wheel Cover Removal & Installation Mallet | |
| <input type="checkbox"/> 10" Mill File & Handle | |

It is suggested that you purchase as many tools as you can afford while you are in school. The Vocational Education programs end when you are no longer attending school, as do the discounts. You will never be able to buy tools at the prices that are offered while you are enrolled at Anoka Tech. When or as you go to work in your automotive career, consult with other technicians that you work with to get an idea of what additional tools to consider purchasing as you start your career.