

Required Tools for Automotive Technology Program

First Quarter Tools

Student Name

1/4" Drive Sockets:

10 Six-Point Standard Sockets: 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"

10 Six-Point Metric Sockets: 4mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm

5 Six-Point Deep Well Standard Sockets: 5/16", 11/32", 3/8", 7/16", 1/2"

6 Six-Point Deep Well Metric Sockets: 8mm, 9mm, 10mm, 11mm, 12mm, 13mm

1/4" Drive Tools: 3" Extension Bar, 6" Spinner Handle, Ratchet

3/8" Drive Sockets:

8 Six-Point Standard Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"

10 Six-Point Metric Sockets: 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm

5 Six-Point Deep Well Standard Sockets: 1/2", 9/16", 5/8", 11/16", 3/4"

5 Six-Point Deep Well Metric Sockets: 13mm, 14mm, 15mm, 16mm, 17mm

1 Spark Plug Socket: 5/8"

3/8 Drive Tools: 3" Extension Bar, 6" Extension Bar, Ratchet

1/2" Drive Sockets:

7 Six-Point Standard Sockets: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"

5 Six-Point Metric Sockets: 15mm, 16mm, 17mm, 18mm, 19mm

1/2" Drive Tool: Ratchet

Miscellaneous Tools:

8 Combination Wrenches: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

Metric & Standard Allen Wrenches

Tool chest: 3 Drawer

Digital Volt Ohm Meter

4 pc. Set Phillips Screwdriver

4 pc. Set Slotted Screwdriver

Second Quarter Tools

12oz Hammer

5/8" Flex Spark Plug Socket

13/16" Flex Spark Plug Socket

3/8" Universal Joint

1/2" Universal Joint

10 pc. Metric Combination Wrench Set: 10-19mm

Test Light

Third Quarter Tools

25" Tape Ruler

10-12" Hacksaw

10" Adjustable end Wrench

7 1/2" Vicegrip Pliers

3 1/4" Jack Knife

Gasket Scraper

5 pc. Punch & Chisel Set: Pin (1/8", 3/16"), Center (3/8"), Cold (1/2", 5/8")

Torx Screw Drive Set (Tamper Proof) T7 – T25

Fourth Quarter Tools

Standard Flare-nut: (3/8" x 7/16"), (1/2" x 9/16"), (5/8" x 11/16"), (3/4" x 11/16")

Metric Flare-nut: 10mm, 12mm, 13mm, 14mm, 15mm, 17mm

9 1/2" Adjustable pliers

3 pc. Pliers Set: 6" diagonal, 6" needle-nose, 6 3/4" slip joint

Optional Tool List

Air Ratchet 3/8" drive

Awl (Ice Pick)

Creeper

Compression Tester

Drill 3/8" drive electric

Drill Index

EZ Outs Set

Impact Wrench 1/2" drive

Socket Set 1/2" drive: 7/16"- 1 1/8", ratchet pull handle, and extensions

Tap & Die Set: Standard and Metric

Thread Chaser Set

Torque Wrench: 1/2" drive (0-150 lbs.)

Vacuum Gauge

Vacuum Pump (hand)