

# IVVC Automotive Technology Required Tools

## First Year Students- Required Tools

Toolbox and lock (with at least two keys)

¼" drive tool set - ratchet, extension(s), sockets (metric and standard)

3/8" drive tool set - ratchet, extension(s), sockets (metric and standard)

Combination wrench sets:

- Metric - 8mm-19mm
- Standard - 5/16"-7/8"

Torx socket set T10-T55

7mm Allen socket - 3/8" drive

3/8" Allen socket - 3/8" drive

Screwdriver sets - Phillips and Standard

Pliers:

- Needle nose
- Diagonal cutters (side cuts)

Tire Gauge

Flashlight

## Recommended Tools

Digital Volt Ohm Meter (DMM/DVOM)

- This is only a minimum set. Students are encouraged to bring as many tools as they wish. IVVC supplies basic tools to supplement for shop needs and specialty tools and equipment typical to a shop environment.
- IVVC does not carry insurance for student property. Parents are encouraged to supply insurance over their student's tools in case of theft or damage.
- Students are responsible for bringing their toolbox key every day. A spare key is required to be left with the instructor at the beginning of the school year.
- Toolboxes brought to IVVC for class are part of each student's grade and are to be kept here for the duration of the school year, unless authorized by an instructor, in which case the toolbox must be inspected before leaving the IVVC building.
- 16-20 oz. ball peen hammer, Channel Locks (one medium sized pair), Vise Grips (one medium sized pair), Blow Gun, Spark plug gapper, Test Light