

TOOL LIST

The following is the minimum tool requirement for the SSC AMT training program. This is a starter set, you will have to add to it when employed by industry.

- Flash light (Small bright LED type is preferred)
- Calculator (Scientific non-programmable type)
- Multimeter (Measures Volts, Amperes, & Ohms)
- Feeler gauge set, tapered type in inches (Not metric)
- Inspection mirror (Medium size, with a 2 or 3 inch mirror)
- 12 foot tape measure
- Magnifying glass with 10X magnification (Around 1 to 3 inches dia. is best)
- 6 or 12 inch steel ruler (Non-metric with 1/8, 1/16, 1/32 and decimal markings)
- Small 'Vernier' type caliper, pocket size (0 to about 4 inches)
- Safety glasses or goggles
- Hammer (Regular mechanic's 8 ounce ball peen hammer, NOT a carpenter claw type)
- Soft face hammer or mallet (12 ounce with brass, plastic or rubber ends)
- Center punch (Has a sharp pointed end for marking metal)
- Pin Punch set (Small set with at least a 3/32, 1/8, 3/16, & 1/4 diameter pin end)
- AWL scribe (Used to mark metal, align parts, etc)
- Slot screwdriver set(1/8, 3/16, 1/4 & 5/16 blade widths with 4 to 6 inch blade shaft)
- Phillips screwdriver set with #0, #1, & #2 Phillips size
- Allen wrench set (Non-metric, must be SAE)
- Pliers, needle nose type – around 5 to 6 inches total length
- Pliers, duckbill type – around 5 to 6 inches total length
- Diagonal cutters – around 5 to 6 inches total length used to cut wire
- Tool Bag (Many mechanics prefer a small soft canvas tool bag)

All wrenches and sockets must be SAE type. (No metrics allowed in class.)
With sockets 12 point is best, 6 point will get you by most of the time at SSC.
no 4 or 8 point sockets are used.

- Combination wrench set 1/4 inch to 7/8 inch with 1/16 in increments
- Small ignition combination wrench set (3/16 to 11/32)
- 1/4 inch drive socket set from 1/4 inch to 1/2 inch with 1/16 inch increments
- 3/8 inch drive socket set from 3/8 inch to 7/8 inch with 1/16 inch increments
- 1/4 inch drive extensions, 2 inch and 4 inch
- 3/8 inch drive extensions, 3 inch & 6 inch
- 1/4 inch & 3/8 inch drive universal joint
- 1/4 inch & 3/8 inch Ratchet
- 1/4 or 3/8 inch drive 'Speed Handle'
- 1/4 or 3/8 inch drive 'Apex' tip holder to match above 'Speed Handle'

Optional Tools: (Not required by SSC, but may be added to the above tool list.)

- Socket holders, one for 1/4 inch drive sockets, & one for 3/8 inch drive sockets
- Deep 12 point sockets for 1/4 inch drive
- Swivel head 12 point shallow sockets for 1/4 inch drive
- Breaker bar, 3/8 inch drive
- T-Handle, 1/4 inch drive.
- 1/4 inch & 3/8 inch universal joint
- Safety Wire pliers
- Cotter pin remover tool
- Brass drifts (1/4, 3/8, 1/2 inch – to tap out bolts)
- Magnetic tip screwdriver.
- Offset screw drivers (Slot & #2 Phillips)
- Stubby screw drivers (Slot & #2 Philips)
- Dead Blow Hammer
- Ford Wrench
- Utility Knife
- Tin Snips & Hand Shears (For cutting sheet metal)
- 12 inch 'Combination Square' (For sheet metal layout)