

Pre-Employment Automotive Service Technician Tool List

These are "required" tools

Set of Automotive Technician coveralls (you may want two sets)
CSA approved Steel Toe Work Boots or Shoes Mandatory
Pair of Safety glasses Mandatory
Pocket light and pocket magnet
$\frac{3}{8}$ " Drive Socket Set, shallow (8mm - 19mm)
$\frac{3}{8}$ " Drive Socket Set, shallow ($\frac{3}{8}$ " - $\frac{15}{16}$ ")
Socket Ratchets $\frac{1}{2}$ " and $\frac{3}{8}$ " ($\frac{1}{4}$ " optional)
$\frac{1}{2}$ " Drive Extension 4" and 6"
$\frac{1}{2}$ " Drive Impact Socket Set, Deep (10mm to 24mm sockets)
$\frac{1}{2}$ " Drive Impact Socket set, Deep ($\frac{3}{8}$ " - 1")
$\frac{3}{8}$ " Drive Extensions (3" and 6")
$\frac{3}{8}$ " to $\frac{1}{2}$ ", $\frac{1}{2}$ " to $\frac{3}{8}$ ", and $\frac{1}{4}$ " to $\frac{3}{8}$ " Socket Adaptors
$\frac{3}{8}$ " Drive TORX Socket and inverted TORX Set
Set of Combination Wrenches, (8mm to 24mm)-Metric
Set of Combination Wrenches, ($\frac{1}{4}$ " - 1 ") -Sae
8" Combination Pliers
6" Diagonal Cutters
Vice Grip Plier set
Needle Nose Pliers
Pry Bar Set
Medium Soft Faced Blow hammer
Ball Peen Hammer 1 lb
Hammer 3 lb
Hydrometer coolant tester
Pin punch set
Gasket Scraper (Automotive not Carpentry)
Screw driver set
Set Metric Allen sockets
Set Brake Spring Tools and Brake Retainer Tools
Torque Wrench $\frac{1}{2}$ ' Drive up to 250 foot pounds
Oil filter wrenches, small, medium and large – or a filter claw
Tire pressure gauges and tread depth guage
Brake pad thickness guage
$\frac{1}{4}$ " Drive Socket Set Shallow Metric
$\frac{1}{4}$ " Drive Socket Set Deep Metric
$\frac{1}{4}$ " Drive Socket Set Shallow Imperial
$\frac{1}{4}$ " Drive Socket Set Deep Imperial
Hacksaw with 18 teeth/inch metal blade
Tool Box with lock (Either a roll cabinet or a top box, NOT both!) -keep in mind that some service shops may have built-in tool boxes MAXIMUM SIZE 41" Wide x 18" Deep

This is a list of "optional" tools. These are not required purchases; they will however reduce the number of trips you make to the SAIT B stores.

½" Drive Socket Set Shallow (10mm to 24mm sockets)
⅜" Drive Impact Swivel Socket
½" Drive Impact Swivel Socket
⅜" Drive Swing Handle (Flex Handle)
⅜" Drive Extension 24"
⅜" Drive Extension 36"
⅜" Drive Deep Sockets (8mm to 19mm)
⅜" Drive Flex Sockets (8mm to 19mm)
½" Drive 30" or 36" Swing Handle (Breaker Bar)
Ball Peen Hammer ½ lb
Pick set (Min. Straight and 90deg)
Tubing or Flare Nut Wrench 9 mm and 11 mm
Tubing or Flare Nut Wrench 10 mm and 12 mm
Tubing or Flare Nut Wrench 13 mm and 14 mm
Tubing or Flare Nut Wrench 15 mm and 17 mm
Tubing or Flare Nut Wrench 16 mm and 18 mm
Tubing or Flare Nut Wrench ⅜" – 7/16"
Tubing or Flare Nut Wrench ½" – 9/16"
Impact Driver Set
12 Volt test lamp (Bulb type, not LED/Electronic)
Battery terminal cleaner
Wire stripper/cutter
Digital Multimeter, Mac Tools EM720A or equivalent (capable of measuring current (10A)voltage (AC/DC) and resistance)-extra internal fuses for measuring current