

Ford ASSET Tool List

Each student is required to purchase the tools listed below as a requirement to participate in the Ford/ASSET Program. The tools are needed by the time you start working in the dealer. Tools needed for lab work at CSCC are provided, so it is not necessary to bring them to school.

1/4 inch Drive

- 1 – 1/4" Drive ratchet
- 1 – 1/4" Drive socket set - 3/16 – 3/8" and 4mm – 13mm recommended
- 1 – Extension 2"
- 1 – Extension 6"
- 1 – Drive handle

3/8 inch Drive

- 1 – 3/8" Drive ratchet – approximately 8" in length
- 1 – 3/8" Drive extension – 1" in length
- 1 – 3/8" Drive extension – 3" in length
- 1 – 3/8" Drive extension – 12" in length
- 1 – 3/8" Drive shallow and deep socket set – 1/4 - 7/8 6 pt. Recommended
- 2 – 3/8" Drive spark plug socket - 5/8" (flex recommended)
- 1 – 3/8" Universal
- 1 – 3/8" Drive shallow and deep metric sockets – 7mm - 19 mm
- 1 – Set Torx drive bits

1/2 inch Drive

- 1 – 1/2" Drive ratchet
- 1 – 1/2" Drive socket set 7/16 - 1" and 8mm – 21mm
- 1 – 1/2" Breaker bar 18"
- 1 – 1/2" Drive extension 3"
- 1 – 1/2" Drive extension 10"
- 1 – Adapter 1/4 – 3/8"
- 1 – Adapter 3/8 – 1/2"
- 1 – 1/2" Drive impact socket 3/4 & 13/16"
- 1 – 1/2" Drive impact socket 19mm

Wrenches

- 1 – Set combination box – open end wrenches – 1/4 – 1"
- 1 – Set metric combination wrenches 9 – 19mm
- 1 – Set Allen wrenches – standard
- 1 – Set metric Allen wrenches
- 1 – Set metric flare wrenches
- 1 – Crescent wrench – 10"

Pliers

- 1 – Pair slip joint
- 1 – Pair diagonal cutting
- 1 – Pair needle nose
- 1 – Pair adjustable joint (channel lock)
- 1 – Pair vise grip

Screwdrivers

- 5 – Straight blade – 1 each: stub, small, medium, medium large, large
- 3 – Phillips screwdrivers - #1, #2 and #3
- 1 – Set Torx drive screwdrivers

Miscellaneous Tools

- 1 – Tool chest, lockable with drawers
- 1 – Center punch
- 3 – Punches – 1/8, 3/16, 5/16"
- 2 – Chisels – 7/16, 5/8"
- 1 – Plastic tip hammer
- 1 – Set of Ball Peen hammers
- 1 – Rubber/Plastic mallet
- 1 – Pair safety goggles/glasses (ANSI Z-87 approved)
- 1 – Tire pressure gauge
- 1 – Valve core remover
- 1 – Hand file flat with handle 10"
- 1 – Gasket scraper
- 1 – Knife
- 1 – Pry bar set
- 1 – 12 volt test light
- 1 – Flashlight
- 1 – Set feeler gauges – flat, metric and standard graduations
- 1 – Oil filter wrenches
- 1 – Brake tools – return, hold down
- 1 – Brass drift
- 1 – Measuring tape
- 1 – Inspection mirror
- 1 – Pick-up magnet
- 1 – Spark plug gap adjusting tool – round wire type – .024" to .080"
- 1 – DVOM – 10 Meg-ohm input impedance