

FORD ASSET (FA) TOOL LIST

Pennsylvania College of Technology

This tool list is to be used as a guide and does not need to be followed exactly. For example, if a 6" 1/4" drive extension is listed, a 5" or an 8" extension would be acceptable. Tools can be purchased at the beginning of the first semester in order to take advantage of tool manufacturer's student discounts or can be obtained over time.

1/4" Drive

- 6 point shallow sockets (5.5mm – 14mm)
- 6 point deep sockets (5.5mm – 14mm)
- 6 point shallow sockets (3/16" – 9/16")
- 6 point deep sockets (3/16" – 9/16")
- standard ratchet
- 2" extension
- 6" extension
- universal joint

TORX drive set 1/4" & 3/8" drive (T8 – T55)

3/8" Drive

- 6 point shallow sockets (3/8" – 3/4")
- 6 point deep sockets (3/8" – 3/4")
- standard ratchet
- extensions (3", 4", 8")
- universal joint
- 5/8" spark plug socket
- 13/16" spark plug socket
- 6 point shallow sockets (8mm – 19mm)
- 6 point deep sockets (8mm – 19mm)

1/2" Drive

- 6 point shallow sockets (3/8" – 1 1/8")
- standard ratchet
- 18" breaker bar
- extensions (5", 10")
- 6 point shallow sockets (13, 15, 17, 18, 19, 21, 24mm)
- lug nut socket set

Wrenches

- combination set fractional - 12 point box (3/8" – 1")
- combination set metric - 12 point box (10–19mm)
- 12" adjustable
- line wrenches **or** 3/8" drive flare nut crow foot wrenches
- set of metric 9mm – 18mm

line wrenches cont...

set of standard 3/8" – 3/4"
allen wrenches L-shaped or 1/4" and 3/8" hex drivers
set of metric
set of standard

Pliers

slip joint
diagonal cutting
needle nose
water pump
vise grip

Screwdrivers

flat tip, set of five
phillips tip - #1, #2, #3
pry bar with handle – 18" length

Hammers

ball pien - 16 oz., 48 oz.
plastic tip
rubber mallet

Brake tools

brake shoe adjusting tools
bleeder wrenches
brake spring pliers
retainer spring tool
shoe return spring tool

Miscellaneous Tools

10" flat file
file handle
punch and chisel set
includes center punch, pin punches, starter punches, flat chisels
bronze drift punch
gasket scraper
pick up magnet
inspection mirror
oil filter wrenches - 2 sizes
spark plug gap tool
feeler gauges
flash light
12 ft. measuring tape
tire pressure gauge
battery post cleaning tools
terminal brush
pliers

battery post cleaning tools cont...

cable clamp spreader

cable clamp puller

SAFETY GLASSES

fender covers (2)

Electrical

test light

Digital Volt Ohm Meter (DVOM), Fluke 78 or equal

Tool storage

top box

and or

bottom roll cabinet

Optional Tools

3/8" drive impact wrench

3/8" air ratchet

1/2" drive impact wrench

impact sockets

flexible sockets

hacksaw

ear protectors

3/8" drive long flex head ratchet

wirebrush

additional scrapers

16" heel bar

pick set

long needle nose pliers

wire stripper/cutter