

AUTOMOTIVE PROGRAM

REQUIRED TOOLS / SUPPLIES

Wrenches

Combination Wrench set (8mm - 24mm)
Torque wrench (3/8 drive beam type)
Torque wrench (1/2" drive 250FT lb.)
Wrench (8" adjustable)

Ratchets and Sockets

1/2" drive sockets (6 point) 10-24mm
1/2" drive (6"-10") extension
1/2" deep impact sockets 10-27mm
1/2" drive to 3/8" adapter
1/2" drive universal impact
1/2" drive ratchet
3/8" drive sockets (6 point) 7-19mm
3/8" drive 3", 6" & 12" extensions
3/8" drive to 1/4" adapter
3/8" drive universal impact
3/8" Ratchet
1/4" drive socket set with ratchet & extensions
Hex Key sockets 1.5mm - 10mm
Torx bit sockets (male & female) T8-60
Spark plug sockets (9/16", 5/8" & 13/16")
12 pt axle nut sockets

Screwdrivers

Screwdriver set (common)
Screwdriver set (Phillips)

Pliers

Pliers (slip joint)
Pliers (needle nose)
Pliers (locking - vise grip)
Pliers (diagonal cutters)
Pliers (10" channel lock)

Hammers

Hammer (soft face)
Hammer ball peen (large)
Hammer ball peen (small)
Hammer Dead blow

Test Equipment

Test light (12 volt)
Fluke auto-ranging meter (88-V Required)
Electrical test leads
T- Pins
Thermometer

Other

Scraper (razor blade)
Feeler gauges (metric)
Steel rule (6")
Tire pressure gauge
Tire valve core remover
Safety glasses
Service cart 2-3 drawer (max size 22" X 36")
1/2" drive pneumatic impact wrench with fitting
Pry-bar
Fender cover
Air chuck with "Tru-flate" fitting
Tape measure (std/metric)
Telescoping magnet
LED work/drop light
Hearing protection
Work uniforms

Netbook computer with software
4GB flash drive

Note: Manchester Community College is not responsible for lost or stolen tools/supplies.