



# Diesel Technology Tool List

Students are required to bring personal laptop/tablet on first day of class (laptop preferred). Students that do not bring the necessary technology with them will be administratively withdrawn.

Quantity	Description
<b>Classroom Supplies</b>	
1	Notebook paper
12	Color pencils or markers
10	Pencils or Pens
<b>Personal Protective Equipment (Safety)</b>	
2 pair	Safety Glasses
1	Leather Work Boots (Steel Toe Recommended - Not Required) No holes.
1	Mechanics Work Gloves - Tight fitting (Optional)
<b>Tool Storage</b>	
1	Lockable Roll around Tool Box/Cart (Minimum 3 draws)(Maximum Width 60") Tool box may vary per tool company – Students choice on size
<b>Lighting</b>	
1	Small Flash light - Good Quality - Very Bright ( <b>MUST HAVE</b> )
1	Pen light (Optional)
1	Corded or Cordless work light (Optional)
<b>Wrenches</b>	
1 Set	Standard Combination Wrenches (1/4" - 1 1/4")
1 Set	Metric Combination Wrenches (8mm - 19mm)
1 Set	Flare nut wrenches (1/4" 3/4")
<b>Sockets Sets</b>	
1 Set	<b>1/4" Drive</b> - 26 piece standard recommended (5/32" - 9/16") Set to include: sockets(shallow & deep), ratchet, extensions, universal joint & driver (optional)
1 Set	<b>1/4" Drive</b> - Metric sockets shallow & deep (5mm - 14mm) (Optional)
1 Set	<b>3/8" Drive</b> - 28 piece standard recommended (1/4" - 1") Set to include: <b>12 point</b> sockets (shallow & deep), ratchet & extensions, speed handle & universal joint
1 Set	<b>3/8" Drive</b> - Metric sockets shallow or deep (6mm - 19mm) <b>12 point</b>
1 Set	<b>3/8" Drive</b> - 7 piece standard flex sockets (3/8" - 3/4")
1 Set	<b>3/8" Drive</b> - 6 piece standard hex head sockets (5/32" - 3/8")
1 Set	<b>1/2" Drive</b> - 31 piece standard recommended ( 3/8" - 1 1/4") Set to Include: <b>12 point</b> sockets shallow & deep, ratchet, breaker bar, extensions & universal joint
1 Set	<b>1/2" Drive</b> - Metric sockets shallow or deep (10mm - 19mm) (Optional)
<b>Precision Tools</b>	
1	6" Digital Caliper
1	3/8" Drive - Dial Torque wrench (0 - 150 lbs in)
1	3/8" Drive - Torque wrench (10 - 100 lbs ft)
1	1/2" Drive - Torque wrench (50 - 250 lbs ft)
1	Bent feeler gauge set (0.0015" - 0.035")
1	Straight feeler gauge set (0.0015" - 0.035")

Quantity	Description
<b>Other Tooling</b>	
1 Set	Screw Driver Set - Minimum 6 pieces
1	Air Chuck - Dual foot (30 degree & straight) w/air adapter style "M"
1	Allan wrench set (Standard & Metric)
1	DVOM - Digital Volt/Ohm Meter Auto Range (\$25 minimum)
1	File - 10" Basterd Flat Mill w/handle
1	Gasket Scraper
1	Hammer - 3 lbs Dead blow (soft head)
1	Hammer - 3 lbs
1	Hammer - Ball pen 12 oz
1	Magnetic pick-up tool
1	Oil/Hand oiler (6 oz size to fit inside toolbox)
1 Set	O-ring pick set
1	Pliers - 8 " Diagonal Cutting
1	Pliers - 8" Slip joint
1	Pliers - 8" Needle nose
1	Pliers - 9" or larger Tongue and Groove ( <i>Channel lock</i> ) (Optional)
1	Pliers - Electrical (stripping/crimping)
1	Pliers - Snap-ring - 14" External flat nose
1 ea.	Pliers - Snap-ring (internal/external - straight, 45 & 90 degree)
1	Pliers - Vise Grip 8" or larger
1	Pliers - Vise Grip needle nose
1 Set	Pry bar set through 24"
1 Set	Punch & Chisel set - 6 piece minimum
1	Radiator hose pick
1 Set	Rethreading set - Standard (course thread)
1	Roll head pry bar 9/16"
1	Safety blow gun w/air adapter style "M" (meets OSHA requirements)
1	Starter button - Heavy Duty
1	Telescoping mirror
1	Thermometer - Dial or Digital type (A/C servicing)
1	Thermometer - Inferred temp. Gun
1	Tire pressure gauge 10 - 150 psi(30 degree & straight)
1	Tread depth gauge (Optional)
1	Wire brush
1	Brass punches
<b>Power Tools - Optional (NOT REQUIRED - Could be used in field after schooling)</b>	
1	1/2" Drive Impact Gun w/ Impact Sockets - Standard or Metric
1	3/8" Drive Impact Gun w/ Impact Sockets - Standard or Metric
1	Die Grinder - Straight w/air adapter style "M"
1	Die Grinder - 90 degree w/arbor kit w/air adapter style "M"
1	1/2" Drill Var. Speed