

## Automotive Technology Required Tool List

<b>Tool Box</b>	<b>Screw Drivers</b>
Roll cabinet or cart <b>36" width max</b>	Screwdriver set
	Pocket screwdriver (flat blade)
<b>Ratchets and Sockets</b>	Pocket screwdriver (phillips)
1/4" Deep and shallow set 5.5-13mm1	
1/4" Ratchet	
1/4" Drive 3/8" drive adapter	
3/8" Ratchet	<b>Pliers</b>
3/8" Shallow socket set 8-19mm	10" locking plyers
3/8" Deep socket set 8-19mm	Adjustable joint (water pump) pliers
3/8" Drive 1", 2", 6"and 12" extensions	Retaining Ring Pliers (reversible with fixed Round tip)
3/8" Hex socket 3/8" drive	Pliers set (needle nose, diagonal & combination)
3/8" Drive speed wrench	Snap ring pliers set flat tip (for lock rings)
3/8" Drive to 1/2" drive adapter	Wire crimpers/strippers
1/2" – 3/8" adapter	
1/2 " Drive ratchet	<b>Safety Equipment</b>
1/2" Shallow socket set, 10-24mm	Safety glasses
1/2" Deep socket, 10- 24mm	Goggles
1/2" Drive deep impact sockets 15mm, 17mm, 18mm, 19mm, 21mm, and 22mm	Hearing (ear) protection
1/2" Drive breakerbar	Leather gloves
Axle nut socket set (29, 30, 32, 34, 35, & 36mm) 12point	Flashlight
Torx socket set #8 to #60 Internal Torx E4 to E18 external	Fender cover
<b>Ignition System Tools</b>	<b>Measuring Tools</b>
Spark (ignition) HEI tester	Digital caliper 6"
12mm spark plug socket	6" Steel rule (metric and inch)
5/8 Spark plug socket	12' Measuring tape (metric and inch)
14 mm spark plug socket	Feeler gauge set (with brass leaves)
<b>Brakes</b>	<b>Punches, Chisel &amp; Files</b>
Brake hold down spring tool	Punch and chisel set (include brass drift)
Brake pad thickness gage	10" Mill file
Brake return spring tool	File handle
Brake adjusting tool	
	<b>Other</b>
<b>Hammers</b>	Magnetic pickup tool
Impact driver	Utility knife
Rubber mallet	Inspection mirror
24 oz. ball peen hammer	
24 oz. dead blow hammer	18" Prybar
	Metal gasket scraper
<b>Tire &amp; Wheel</b>	Plastic gasket scraper
Tire valve core tool	Miniature pick Set
Tire thread depth gage	Metric hex key set
Digital tire inflator tool	Oil filter wrench (small cup type)
	Oil filter wrench (metal band type)
	Oil filter 32mm socket for EcoTec Engine
<b>Wrenches</b>	12 volt test light
Metric combination wrench set 7mm to 24mm	Trim stick (plastic pry tool)
Metric flare nut wrench set 8-21mm	Rubber tipped blow gun (restricted)
1/2" impact wrench	
1/2" drive 30 lb.ft.to 250 lb.ft. torque wrench	<b>Laptop Computer</b>
	Window based laptop/ tablet recommended

\*\*The Fluke Meter and test lead kit is included in the cost of the electrical class. Do not purchase separately

