



## Here is a complete list of tools for the new diesel mechanic

### 1. Toolbox or Cart

- Standard size. You don't need anything crazy. Most mechanics would tell you that you can get away with a cart. **This is the one I own [Tool Cart \(Link To Amazon\)](#)**

If you are wanting to spend the money for a tool chest consider finding one online or looking around swap meets and what-not. I found a [really cool Husky box on Amazon](#). It has a stainless steel top and is 72" long for under 1200 bucks. See if Snap-on can beat that price.

### 2. 1/4" Drive Socket Set Standard (SAE) & Metric - Deep and Shallow

- 3/16" - 5/8" 6 point and 12 point
- 5mm - 15mm 6 point and 12 point
- 3" & 6" Extensions

### 3. 3/8" Drive Sockets Standard (SAE) & Metric - Deep, Shallow and Impact

- 5/16" - 1" 6 point and 12 point
- 7mm - 20mm 6 point and 12 point
- 3", 6", 12", 24" Extensions

### 4. 1/2 Drive Sockets Standard (SAE) & Metric Deep, shallow and Impact

- 3/8" - 1 1/4" 6 point
- 10mm - 27mm 6 point
- 3", 6" & 12" Extensions

### 5. Bit Adapters

- 1/4" to 3/8" & 3/8" to 1/4"
- 3/8" to 1/2" & 1/2" to 3/8"
- 1/2" to 3/4" & 3/4" to 1/2"



## 6. Allen Wrenches Standard and Metric

- 3/32" - 3/8"
- 3mm - 17mm

## 7. Feeler Gauges

- Standard 0.0015 - 0.0035 thousandths
- Metric 0.04 - 0.88 thousandths

## 8. Hammers

- Dead blow, Ball Peen, 5-pound sledge hammer

## 9. Air or Battery Tools

- Impact Guns - 3/8", 1/2
- 90 Degree die grinder

## 10. DVOM - Digital Multimeter

- Digital readout and Auto ranging

don't buy a cheap one if you can avoid it. The really cheap ones are never accurate.  
[Check out this Klein on Amazon](#)

## 11. Pliers

- Needle nose, adjustable, vise grips, Snap-ring, Slip lock-type

## 12. Pry-Bars

- 12", 2', 3'

## 13. Ratchets

- 1/4", 3/8", 1/2", breaker bar

## 14. Screw Drivers

- Flat head & Philips #2 stubby, #2 regular, #1 regular. I also recommend torque drivers.



## 15. Torque Bit Drivers

- T10, T15, T20, T25 (***T25 is the most used. Get 2***), T27, T30, T40, T45

## 16. Electrical Tools

- Hand held torch, Wire cutters, Wire stripping tool (***I prefer these [auto wire strippers](#) best tool ever***), Soldering gun, Crimping tool, 12v test light (***I recommend the [Power Probe III](#) but it's not required.***)

## 17. Wrenches Standard and Metric

- 5/16" - 2" (***Usually sets stop at 1 1/4" I suggest grabbing cheap larger wrenches***) 8mm - 22mm
- 8" & 12" Adjustable wrench
- Ratchet Wrenches (I prefer [GearWrench](#))

## 18. Mechanic Accessories

- Inspection Mirror, Gasket Scraper, Pick Set, Truck tire pressure gauge (0-150 PSI), Small and Large oil filter wrench, Magnet with extendable rod, 12' Tape measure, Bottle of white out, Pocket calculator, A good flash light\*\*, 6" brass or aluminum punch, Creeper, Tire tread depth gauge (1/32"), Safety toed shoes

I hope you get some use out of these printable list. Remember this is just a great starter. You will collect and add you whole life. **Don't break the bank!** Look for deals. Pawnshops, yard sales, swap meets. You don't need to go into debt. Good luck!

Keep Wrenchin,

John Coker

[Learndiesels.com](http://Learndiesels.com)