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| **2016-2017 Automotive Technology Tool Sheet** |
| **Hand Tools** |
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| **First Trimester** |
| Combination Wrenches: |
|  Standard (1/4" - 1 1/4" ) |
|  Metric (7mm - 24mm) |
| Ear Protection  |
| Pliers: |
|  Combination 6" |
|  Hose Clamp |
|  Lock Jaw Snap Ring Plier Set |
|  Needle Nose 6" |
|  Side Cutting |
| Safety Glasses -2 pair (must meet OSHA Requirements) |
| Gasket Scraper |
| Screwdriver Set - Blade Type: |
|  Stubby |
|  6", 9", 12" |
| Screwdriver Phillips: |
|  Stubby #1, #2 |
|  6" #1, #2 |
|  12" #3 |
| Socket Set - 1/4" Drive: |
|  1/4" - 1/2" Standard Depth |
|  1/4" - 1/2" Deep |
|  6 mm - 12mm Standard Depth |
|  6mm - 12mm Deep |
|  Flex/Universal Type |
|  3", 6" Extensions |
|  Ratchet |
| Socket Set - 3/8" Drive: |
|  5/16" - 3/4" Standard Depth (6 point) |
|  3/8" - 3/4" Deep (6 point) |
|  10 mm - 19mm Standard Depth |
|  10 mm - 19mm Deep |
|  Breaker Bars 3/8" & 1/2" Drive |
|  3", 5", 12" Extensions |
|  3/8" Flexhead Ratchet |
|  3/8" Ratchet |
|  Spark Plug Sockets 5/8", 13/16"  |
|  Universal Joint |
|  Flexible Socket Set 3/8" - 3/4" |
|  Flexible Socket Set 10mm - 19mm |
| Socket Set - 1/2" Drive: |
|  7/16" - 1 1/8" Standard Depth |
|  7/16" - 1 1/8" Deep |
|  10mm - 24mm Standard Depth |
|  30mm -38mm Big 6 Point Sockets |
|  10mm - 24mm Deep |
|  1/2 to 3/4 Adapter |
|  3", 6", 12" Extensions |
|  1/2" Ratchet |
| Tire Pressure Gauge |
| Torque Wrench: |
|  3/8" Drive (10 - 250 in lb.) |
|  1/2" Drive (50 - 250 lb. ft.) |
| Tool Box, Rollaround |
| 8" Adjustable Wrench |
| Impact Gun (1/2 Drive) |
| C-Clamp Set 4" to 10" |
| Brake Tool Set |
| Shirts - Dickies Dark Blue - 4 each (available @ Walmart) |
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| **Second Trimester**  |
| Chisel Set |
| Chisel Holder |
| Feeler Gauge (Blade Type): |
|  .002" - .040" |
|  .006mm - .070mm |
| File Set: |
|  Coarse 6" and 12" |
|  Fine 6" and 12" |
|  Half Round 12" |
|  Round 6" and 12" |
| Flare Net (tubing) Wrenches: |
|  3/8" - 3/4" |
|  10mm - 17mm |
| Flashlight |
| Hack Saw |
| Hammers: |
|  40 and 16 oz. Ball Peen |
|  Dead Blow Plastic Mallet |
| Inspection Mirror |
| Magnetic Pickup Tool |
| Pick Set Large & Small |
| Punches: |
|  Center |
|  Brass Drift |
|  Pin 1/8", 3/16", 1/4", 5/16" |
|  Taper 3/8", 1/2", 5/8" |
| Wire Brush |
| Wire Crimpers (Strippers) |
| Turkey Baster |
| Dark Blue Pants - 4 pair (or blue jeans) |
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| **Third Trimester** |
| Air Blow Gun (must meet OSHA Requirements) |
| Allen (Wrench or Socket) Set - Standard (0.50" - 3/8") |
| Allen (Wrench or Socket) Set - Metric (2mm - 8mm, 10mm, 12mm) |
| Battery Post Cleaner |
| Volt OHM Meter Digital Basic 30 Range |
| Spark Plug Feeler Gauge (Gap Tool) |
| Test Light (12v and self-powered) |
| 3/8" Drive Torx Set (Screwdrivers and/or Sockets ): |
|  T-8 to T-60 |
| Drop Light |