

DMACC Diesel and Caterpillar Technology Required Tool List
REV: 12/2015

Tool Box (a roller box is suggested)

½" Drive socket/ratchet set

- breaker bar
- extensions
- 3/8" – 1" standard sockets
- 12 – 24 mm metric sockets

3/8" Drive socket/ratchet set

- breaker bar
- extensions
- 3/8" – ¾" standard sockets
- 6 – 19 mm metric sockets
- Torx bits 3/8" drive sockets
- Hex Bit Sockets
 - SAE 1/8 – 3/8
 - Metric 4 – 10 mm

Wrenches

- 3/8" – 1" combination
- 6 – 22 mm metric combination
- 3/8" – 3/4" line wrenches

Standard screwdriver set

Phillips screwdriver set

Chisel and punch set

Pry Bars

- 20" rolling head pry bar
- 24" straight pry bar

Pliers

- 7 1/8" needle nose
- 9 1/4" channel lock type
- 7 1/4" diagonal cut
- 10" vise grip
- Combination crimper/wire strippers
- Piston ring installers
- Locking ring – opens to 1 ¼" min.

Hammers

- 16 oz. Ball peen
- 32 oz. Ball peen
- 2 or 2 ½ lb. Hammer
- 24oz. Dead blow hammer

Feeler gauges (.0015" - .035")

- Straight
- Bent

Gasket scraper (heavy duty)

6" steel ruler

12' steel tape measure

6" dial caliper

Magnetic base dial indicator

Hacksaw with the following blades

- 4-18 TPI and 4-24 TPI

Flat hand file with handle 10" mill

Flashlight with batteries

Oil filter wrench

- (should fit both small and large filters)

Pick-up magnet

Heavy Duty Truck Brake Spring Pliers

Torque wrench ½" drive 0-200 ft/lb min.

Digital multi meter

- read Volts – milli Amps – Ohms
- Minimum 10 Mega Ohms impedance
- With spare fuses

Voltage test light (non-powered)

OSHA approved blow gun with ¼" NPT male plug

Digital Infrared Thermometer minimum (-25F to 800F)

Air Conditioning UV Leak Detection Light

Safety glasses or Safety goggles

Thread Pitch gauges (metal or plastic)

- Fractional & Metric