

Diesel Technology Tool List

Miscellaneous Tools

- 0–1" dial indicator with adjustable magnetic base
- 1/4" die grinder with attachments
- 12 ft standard and metric tape measure
- Battery service kit (5-piece)
- Digital caliper, metal 0–6"
- Flashlight (phones not acceptable)
- Mechanical fingers pick-up tool
- Mechanic's mirror
- Mechanic's magnet with handle (~12")
- SAE micrometer, 0–1"
- Roll cabinet toolbox
- OSHA-approved air blow gun (rubber tip)
- Safety glasses (Z-87 with side shields)
- Scraper
- O-ring pick set (4-piece)
- Cordless or butane soldering tool

Punches

- Brass drift punch, tapered, 10–12"
- Center punch, 3/8"
- Long-tip punch, 3/8", 15" length
- Pin punch set (6-piece: 3/32"–5/16")
- Starter punch set (5-piece: 1/8"–5/16")

Ratchets & Sockets

- 1/2" drive extensions (3", 5", 10")
- 1/2" drive impact wrench (600 ft-lb, air or battery)
- 1/2" drive breaker bar (18–24")
- 1/2" drive metric socket set (10–27mm, 18-piece)

- 1/2" drive SAE socket set (3/8"–1-1/4", 15-piece)
- 1/2" drive ratchet
- 1/4" drive ratchet, extensions, and socket set
- 3/8" drive impact wrench (150 ft-lb)
- 3/8" drive metric & SAE socket sets
- Torx set (T10–T50)

Testing Tools

- 12/24-volt circuit tester or test light
- Fluke TLK-289 test lead set
- Digital multimeter (Fluke 87V or equivalent)

Hammers

- Dead blow hammer (3–5 lb)
- Ball peen hammer, 16 oz
- Ball peen hammer, 40 oz / 4 lb
- Drilling hammer, 4 lb

Pliers

- Snap-ring plier set
- Vise-grip plier set
- Slip-joint pliers, 6"
- Diagonal cutting pliers, 7-1/4"
- Electrical crimping pliers
- Duck-bill snap-ring pliers
- Adjustable joint pliers, 12"
- Locking pliers, 8"
- Needle nose pliers, standard and long reach



Wrenches & Torque

- Adjustable wrenches (10" and 12")
- Metric hex wrench set (2–12mm)
- SAE hex wrench set (5/64"–3/8")
- Combination wrench sets (SAE & metric)
- Pipe wrench, 18"
- Torque wrench, 1/2" drive (30–250 ft-lb)
- Torque wrench, 3/8" drive (15–100 ft-lb)
- Dial torque wrench (inch-pound)