

Heavy Equipment/ Diesel Technology

Equipment List

ITEM DESCRIPTION
Pliers set: adjustable joint, locking pliers, needle nose, side cutters, slip joint
Punch set: pin - 3/16" - 3/8"; starter 3/16" - 3/8", aligning punch set, brass punch, center punch
Socket Set: 3/8" Drive
Socket Set: 1/2" Drive
Hex Key Wrench Set - Standard: .050"-3/8"; 7/16" - 1/2" optional
Hex Key Wrench Set - metric: 2mm - 12 mm
Stud-to-post or charging/test adapter
Chisels - cold: 5/8", 3/4"
Combination Wrenches - standard 3/8" - 1"; up to 1 and 1/4", optional; metric (6mm - 19mm) (up to 24 mm optional)
Digital Multimeter: minimum 10 meg. Ohms impedance
Electrical Pliers: crimper/stripper
Eye wash station
Flashlight/Inspection Light
Files & Handles Set: 12" fine, 12" coarse, 12" half round
Flare nut: Wrench set: standard (3/8" - 3/4"); metric (7mm - 19mm)
Goggles
Hack Saw
Hammers: Ball Peen - 16 oz. and 24 oz.; Soft Face
Hearing Protection
Inspection Mirror
Magnetic Pickup Tool
Mechanic's Steel Ruler: Machinist Rule
Safety Glasses (sude panels)
Scraper: 1" wide or larger
Screwdriver: Blade type: 1", 6", 9", 12" offset
Screwdriver: Phillips 1" #2, 6" #1, #2, 12" #3
Tape Measure 25'
Tire Tread Depth Gauge
Tire Pressure Gauge - Truck
Tool Box
Wire Brush
Adjustable Wrenches: up to 18"
Medium and Heavy Truck Lifts
Air Blow Gun - Rubber Tip
Air Ratchet Wrench: 3/8" drive with impact socket set; standard & metric
Belt Tension gauges/belt wear gauges
Bushing Driver Set
C-Clamps set
40 gallon automotive parts washer cleaner electric solvent pump shelf tank
Combination Wrench Set: 3/8" - 1 1/2" and 6mm - 24 mm; 3/8" - 3/4" offset; 7mm - 15mm offset

Coolant Conditioner Test Kit: Test Strips

Cooling System Pressure Tester

Creepers

Diagnostic software and license and laptop

Digital caliper: standard and metric

Dial indicator set: Magnetic base

Truck Drain Pans

Drill: 3/8" variable speed, reversible

Drill Bits: 1/16" - 1/2"

Extractor Set (broken bolt)

Face shield

Feeler Gauge - Blade Type: .005"-0.050"; .005mm - 0.070mm

Brass Feeler Gauge

Filter Wrenches - Slip Joint

Grinder, bench

Fin Comb Kit

Jack, floor 10 ton

Funnels Sets

Gear Oil Dispenser

Grease Gun

Hammers: 48 oz ball peen, 24 oz. brass, 12lb. Hand sledge

Hand Held infrared thermometer

Hand impact driver set

Heat gun

Hydraulic Press: min. 20 ton

Impact Wrenches: 1/2" drive

Impact Wrench: 3/4" drive

Impact Wrench 1" drive

Impact Universal Joints: 3/8", 1/2"

Jacks (bottle style): air jack, frame jack, etc.

Master tire gauge

Micrometer set: standard 0"-6"; metric 0mm-150mm

Micrometer Inside 0"-6"; depth micrometer 0"-6"

Gas welding outfit, EDGE series, cuts up to 6", welds up to 1/4"

Pipe Wrenches: 10", 12", 14", 18"

Pliers- snap ring: internal, external, wheel weight

Portable crane

Pressure gauges: 0 - 300 psi; 0 - 150 psi

Medium and heavy Truck Pry Set - 8",16",24",33"

Pullers: two jaw set; three jaw set

Refractometer: antifreeze tester or test strips

Safety (jack) stands. Min 10 ton

Seal Puller

Socket set: 3/4" drive

Socket Set: 3/8" Drive

Hex Key Wrenches: standard 3/16"

Hex Key Wrenches: metric 4mm-19mm

Lock nut socket set

Crowfoot socket wrench set: standard

Crowfoot socket wrench set: metric

Torx screwdrivers and nut drivers set: t-15 - t-55
Inverted Torx socket set E-15 - E-55
Soldering Gun
Tap and Die Set: Standard
Tap and Die Set: Metric
Thread Chaser set
Tire cage
Tire chuck - truck
Torque angle gauge
Torque multiplier with adapters (optional) rim clamp suggested
Torque wrenches: 1/2" drive (0-250 lb. ft.)
Torque Wrenches: 3/4" drive (up to 600lb. Ft.)
Torque Wrenches: 3/8 drive (0-150 lb in.)
Tubing cutter/flaring set
Wheel Clocks
Wheel Dolly
Wheel Socket Set
Bearing Race Installer
Bearing Packer
Break Bleeder
Brake Fluid tester
Brake lining thickness gauge
Bake rotor (disc) micrometer
Brake spring tool
Disc Caliper Tool for Compressing Caliper Pistons
Drum Brake Gauge
Seal Installers
Slack Adjuster Installation Index Tool
Battery Charger
Battery terminal adapters
Die type terminal crimper
Capacitance Battery tester
GMM lab scope or DMM with scope capability
Inductive Ammeter
Jumper cable set
Load tester- starting, charging, and battery
Test lead kit
Terminal Repair Kits
Stop Watch