

TRANSPORTATION CLUSTER

Power Equipment Equipment List

Tool	Qty	Cost	Extension
Adjustable Wrench Set (8", 12", 20")	1	\$20.00	\$20.00
Air Chisel with Punch and Chisel Attachments	1	\$200.00	\$200.00
Air Die Grinder with Bits	1	\$50.00	\$50.00
Arbor Press	1	\$800.00	\$800.00
Basic Tool Set (in a Workstation, Box, or Blow-Molded Cases)	6	\$200.00	\$1,200.00
Bench Grinder	1	\$250.00	\$250.00
Bench Vise	2	\$100.00	\$200.00
Bit Driver Set (Hex and Torx)	2	\$40.00	\$80.00
C-Clamp 4"	2	\$10.00	\$20.00
C-Clamp 6"	2	\$10.00	\$20.00
C-Clamp 8"	2	\$10.00	\$20.00
Compression Gauge with Adapters for Various Engines	1	\$20.00	\$20.00
Cylinder Hone (1" – 3")	1	\$300.00	\$300.00
Cylinder Hone (3" – 5")	1	\$300.00	\$300.00
Dial Caliper (Metric)	1	\$35.00	\$35.00
Dial Caliper (SAE)	1	\$35.00	\$35.00
Digital Electrical Multi-meter with Hz Frequency Scale	1	\$150.00	\$150.00
Drill Bit Set, Twist	2	\$40.00	\$80.00
Drill Press	1	\$800.00	\$800.00
Drill, 1/2" Electric	1	\$150.00	\$150.00
Drill, 3/8" Air	2	\$250.00	\$500.00
Drill, 3/8" Electric	1	\$100.00	\$100.00
Drive Inch-Pound Torque Wrench (Click – Type) 3/8"	1	\$250.00	\$250.00
Drive Inch-Pound Torque Wrench (Needle – Type) 3/8"	1	\$250.00	\$250.00
Drive Torque Wrench (Foot-lbs, Click-Type) 1/2"	1	\$250.00	\$250.00
Dwell Meter	1	\$125.00	\$125.00
Electric Chainsaw Sharpener	1	\$175.00	\$175.00
Engine RPM Tachometer	1	\$175.00	\$175.00
Extension Cord (Heavy Duty – Grounded), 50'	2	\$25.00	\$50.00
Feeler Gauge	6	\$25.00	\$150.00

File Set (Flat, Round, 1/2" Round and Various Sizes)	1	\$25.00	\$25.00
Gasket Scraper (Various Sizes)	4	\$10.00	\$40.00
Grease Gun, Air Operated (Recommended)	1	\$75.00	\$75.00
Grease Gun, Hand Operated	1	\$15.00	\$15.00
Hacksaw (with Extra Blades)	2	\$30.00	\$60.00
Hammer (Ball Peens of Various Sizes, 3 lb. Dead Blow Hammer, Plastic Face, Rubber)	6	\$15.00	\$90.00
Hand Wire Brush	2	\$10.00	\$20.00
Heavy Duty Soldering Iron or Gun	1	\$75.00	\$75.00
Impact Gun, 1/2" Air Drive	1	\$300.00	\$300.00
Impact Gun, 3/8" Air Drive	1	\$300.00	\$300.00
Inside Micrometer (1 1/2" – 5")	1	\$150.00	\$150.00
Magnetic Pick-up Tool	3	\$15.00	\$45.00
Micrometer Set (0.001" – 5")	1	\$30.00	\$30.00
Oxy-Acetylene Welding and Cutting Set w/Cart	1	\$500.00	\$500.00
Parts Washer with Brush	1	\$300.00	\$300.00
Pipe Wrenches (Small, Medium, Large)	1	\$50.00	\$50.00
Pliers, Locking (Various Sizes and Styles)	4	\$15.00	\$60.00
Pliers, Snap Ring (Various Styles)	4	\$15.00	\$60.00
Pressure Washer (1500 PSI Minimum-Preferably Hot Water)	1	\$1,200.00	\$1,200.00
Pry Bar Set (3 Minimum)	1	\$45.00	\$45.00
Punch and Chisel Set (Center Punch, Pin Punch, Drift and Chisel of Various Sizes)	1	\$40.00	\$40.00
Ratchet, 1/4" Air Drive	1	\$20.00	\$20.00
Ratchet, 3/8" Air Drive	1	\$30.00	\$30.00
Reamer and Installer Set for Valve Guide	1	\$30.00	\$30.00
Ridge Reamer (1 1/2" – 5")	1	\$250.00	\$250.00
Ring Compressor (4 Small – 2 Large)	6	\$125.00	\$750.00
Ring Expander or Installer Set	1	\$100.00	\$100.00

Ring Groove Cleaner	2	\$100.00	\$200.00
Roll-Around Tool Chest (w/Basic Hand Tools: Socket 1/4", 3/8", 1/2" Drive, Wrench Set, Plier, Screwdriver, etc.)	1	\$350.00	\$350.00
Safety Glasses	26	\$5.00	\$130.00
Small Engine Special Tool Set (Flywheel Puller, Flywheel Holder, Starter, Clutch Wrenches, Valve Spring Compressor, Rewind Starter Tools, Spark Tester)	2	\$100.00	\$200.00
Spark Plug Gauge	6	\$10.00	\$60.00
Spark Plug Thread Chaser	2	\$30.00	\$60.00
Tap and Die Set (inch) Standard	1	\$75.00	\$75.00
Tap and Die Set (mm)	1	\$75.00	\$75.00
Timing Light	1	\$75.00	\$75.00
Training Engine	1	\$350.00	\$350.00
Valve Seat Cutter Set	1	\$200.00	\$200.00
Welding Gloves	6	\$20.00	\$120.00
Welding Goggles	6	\$20.00	\$120.00
Welding Hood	6	\$40.00	\$240.00
Wire Cup Brush for Drill	2	\$10.00	\$20.00
Wire Welder (Capable of Welding 1/4 " Plate)	1	\$500.00	\$500.00

Total Cost

\$14,265.00

OPTIONAL: Trainers, CNC Systems, and Simulators that enhance student learning, raise student achievement, meet industry standards, and have SDE approval.