

Diesel Technology Program Tool List

Quantity	Description	Tool Part No.	Price	Check-In
1	Rollaway tool cabinet with locking drawers (6 drawer minimum, 5" wheels minimum, minimum size 28"W x 19"D x 42"H).			
1	Top tool chest with locking drawers (minimum size 26"W x 15"D x 17"D).			
	1/4" Drive Set – To Include:			
1 set	6 point sockets (10 sockets) 3/16" through 9/16")			
1	Universal joint			
1	2" extension			
1	6" extension			
1	5" Ratchet			
	3/8" Drive Set – To Include:			
1 set	12 point sockets (10 sockets) (5/16" through 7/8")			
1	Universal joint			
1	2" to 3" extension			
1	6" extension			
1	12" extension			
1	8" ratchet			
1	15" to 17" speed handle			
1	8" to 10" breaker bar			
1 set	12 point deep sockets (9 sockets) (3/8" through 7/8")			
1	Spark plug socket (5/8")			
1	Spark plug socket (13/16")			
	1/2" Drive Set – To Include:			
1 set	12 point sockets (14 sockets) (7/16" through 1 1/4")			
1	2" extension			
1	4" to 6" extension			
1	18" to 20" flex handle			
1	Universal joint			
1	Ratchet (reversible)			
1 set	1/2" drive deep sockets (6 point) (7/16" through 1 1/4")			
	Combination Wrench Set			
1 set	Long combination wrench set (16 wrenches) (1/4" through 1 1/4") (12 point box end except the 1/4" – 6 point)			
	Screwdriver Set			
1 set	Standard tip (1/4" x 2", 3/16" x 3", 1/4" x 4", 1/8" x 6", and 3/8" x 8")			
1 set	Phillips tip (#1, #2, and stubby #2)			
1	Heavy duty screwdriver (10" blade square shank)			
	Hammers			
1	Ball peen hammer (48 oz.)			
1	Ball peen hammer (24 oz.)			
1	No bounce hammer (32 oz.)			
	Pliers			
1	6" combination pliers			
1	Diagonal cutting pliers (7" minimum)			
1	Long nose pliers with cutter			
1	Terminal crimp and wire cutter			
1	Vise grip pliers with curved jaws (10") (Vice grip brand)			
1	12" Channel Lock			

Quantity	Description	Tool Part No.	Price	Check-In
	Chisel and Punch Sets			
1 set	Chisels (5/16", 3/8", and 1/2")			
1	Round nose cape chisel (5/16")			
1 set	Starter punches (3/32", 1/8", and 5/32")			
1 set	Pin punches (3/32", 1/8", and 5/32")			
1	Center punch (6")			
1	Brass drift punch (about 13/16" diameter X 12" long)			
1	Tapered drift punch (12")			
1	Punch – long stock 3/4" x 3/8" tip (15" long)			
1	Punch – short stock 5/8" x 5/16" tip (7" long)			
1	Punch – short stock 3/4" x 3/8" tip (7" long)			
1	Bushing Cutter			
	Pry Bars			
1	Roll head – line-up pry bar (1/2" x 12")			
1	Roll head – line-up pry bar (5/8" by 16")			
	Battery Tools			
1	Battery terminal and cable brush			
	Miscellaneous Tools			
1 set	Hex keys (13 piece with long handles) (3/32" through 5/8")			
1	Hand scratch wire brush			
1	Double pointed scribe (O-ring pick)			
1	Circuit tester (power-on)			
1	Lever blow-gun (rubber tipped with 1/4" female NPT)			
3	DCP7 fittings (Air)			
1	Long blade scraper			
1	Mill file (10")			
1	Rat tail file (10")			
1	Adjustable wrench (8")			
1	Telescoping flex magnet (16")			
1	Spark plug gauge (.035" through .085")			
1 set	Feeler gauges (.0015" through .025")			
1	Adjustable utility knife			
1	Adapter (1/2" female by 3/8" male)			
1	Adapter (3/8" female by 1/2" male)			
1	Vernier caliper dial type (5" to 6" by thousands)			
1	Soldering gun kit (450 watt)			
1	Test meter (Fluke 23 or equivalent)			
1	Micrometer (0" to 1")			
1	Pipe wrench (16")			
1	Tire PSI Gauge			
1	Tire air chuck			
1 set	Metric combination long wrenches (10 mm - 19 mm)			
1 set	Metric 3/8" drive sockets (8 mm - 19 mm)			
1 set	Metric 3/8" drive deep sockets (8 mm - 19 mm)			
1 set	Metric 1/2" drive 12 point sockets (10 mm - 21mm)			
1	Dial indicator set			
1	13 watt or brighter fluorescent work light, oil and water resistant with at least a 25 ft. cord (3 terminal plug)			
	Optional Tools (Not Required by Program)			
	Option #1			
1 set	3/4" drive sockets (12 point) (17 sockets, 7/8" through 2")			
1	3/4" extension (8" long)			
1	3/4" extension (16" long)			

Quantity	Description	Tool Part No.	Price	Check-In
1	¾" ratchet (20" to 24" long)			
1	¾" flex handle (20" to 24" long)			
1	Torque wrench (1/2" drive, 250 lbs.)			
1	Pry (pinch) bar (¾" x 15/16" wide) (18" to 20" long)			
1 set	¼" drive Torx socket wrenches (5 piece – T8, T10, T15, T20, and T25)			
1 set	3/8" drive Torx socket wrenches (6 piece – T27, T30, T40, T45, T50, and T55)			
1	High speed drill bit set (1/16" through ½" reduced shank)			
	Option #2			
1	3/8" drive universal flex sockets (6 point) (7 sockets, 3/8" through 3/4")			
1	Adjustable wrench (12")			
1	Filter wrench (12")			
1	Snap ring pliers with straight tips (internal/external, approximately .070" tips)			
1	Snap ring pliers with straight tips (internal/external, approximately .038" tips)			
1	Straight flute screw extractor set (5 piece) (#1 through #5)			
1	Adapter (1/2" female by 3/4" male)			
1	Adapter (1/4" female by 3/8" male)			
1	Adapter (3/8" female by 1/4" male)			
1	Adapter (3/4" female by 1/2" male)			
1 set	Line wrenches (6 point) (10 wrenches, 1/4" through 13/16")			
1 set	Short combination wrenches (7 wrenches) (3/8" through 3/4")			
	Option #3			
1	1/2" impact wrench			
1 set	Impact sockets (6 point, 7/16" through 1 1/4")			
1	3/8" drive air ratchet			
	TOTAL COST			

NOTE: Tools need to be ordered by June 15, 2009 to guarantee delivery by August 24, 2009.

I understand tools need to be ordered by June 15, 2009 for guaranteed delivery by first day of class.

Student Signature

Date