

**DIESEL TECHNOLOGY PROGRAM
TOOL LIST**

Quan tity	Description	
1	Rollaway tool cabinet with locking drawers(6 drawer minimum, 5" wheels minimum, at least 28"W x19"D x 42"H)	
1	Top tool chest with locking drawers (at least 26"W x 15"D x 17"H)	
	1/4 " Drive Set – To Include:	
1 set	Ten 6 point 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 or 6 point sockets (5/16" through 7/8")	
1 set	12 or 6 point sockets (10mm through 19mm)	
1	Universal joint (2 piece impact quality)	
1	2" to 3" Extension	
1	6" Extension or a bigger set	
1	12" Extension	
1	Ratchet (longer is better and flex head is nice)	
1	8" to 10" Breaker bar	
	1/2" Drive Set – To Include:	
1 set	12 or 6 point sockets (7/16" through 1 1/4")	
1 set	12 or 6 point sockets (10mm through 19,21,24,27.30 &36mm)	
1	2" Extension	
1	4" to 6" Extension or a bigger set	
1	18" or longer Breaker bar	
1	Universal joint (impact quality)	
1	Ratchet (longer is better)	
1	Flex head ratchet (optional)	
	Combination Wrench Set	
1 set	Long combination wrench set (10mm through 19mm 12 point box end)	
1 set	Long combination wrench set (5/16" through 1 1/4" 12 point box end)	
	Screwdriver Set	
1 set	Screwdriver combination set 1/4" x 2", 3/16" x 3", 5/16" x 6", 3/8" x 8" Phillips #1 x 2" #2 x 4"	
1	Interchangeable magnetic screwdriver	
1 set	Specialty bits (Torx and others)	
	Hammers	
1	Ball peen or double faced hammer (48 oz)	
1	Ball peen hammer (24 oz)	
1	Dead blow (no bounce hammer)	
	Pliers	
1	6" Combination pliers	
1	Diagonal cutting pliers (7" minimum)	
1	Long nose pliers	

1	Terminal crimper and wire cutter	
1	Vise grip pliers with curved jaws (10") or a assorted set	
1	12" Channel lock pliers	
	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 brass 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)	
	Pry Bars	
1	Pry bar set, 3 or 4	
1	Roll head – line-up pry bar set, 3 or 4	
	Miscellaneous Tools	
1	Battery terminal and cable brush	
1 set	Hex keys (13 piece w/long handles 3/32" through 5/8")	
1	Hand scratch wire brush	
1	O-ring pick set, 4 styles	
1	Circuit tester	
1	Lever blow-gun	
1	Gasket scraper	
1	Mill file (10") or combination set	
1	Rat tail file (10")	
1	Adjustable wrench (15" or longer)	
1	Telescoping flex magnet (16")	
1	Adjustable utility knife	
1	Adapter (1/2" female x 3/8" male)	
1	Adapter (3/8" female x 1/2" male)	
1	6" Vernier Caliper	
1	Test meter DVOM (Fluke or equivalent)	
1	Pipe wrench (10" to 16")	
1	Tire PSI Gauge (dual wheel)	
1	Tire air chuck (dual wheel) with male coupler	
1 set	Metric combination long wrenches (10 mm – 19mm)	
1 set	Metric 3/8" drive sockets (8mm – 19mm)	
1 set	Metric 3/8" drive deep sockets (8mm – 19mm)	
1 set	Metric 1/2" drive 12 point sockets (10mm – 21mm)	
	Optional Tools (not required by program)	
	Option #1	
1 set	3/4" drive sockets (12 point – 17 sockets, 7/8" though 2")	
1	3/4" extension (8" long)	
1	3/4" extension (16" long)	
1	3/4" ratchet	

1	3/4" flex handle	
1	Torque wrench (1/2" drive, 250 lbs)	
1	Pry (pinch) bar (18" to 20" long)	
1	1/4" drive Torx socket wrenches (5 piece – T8, T10, T15, T20, and T25)	
1	3/8" drive Torx socket wrenches (6 piece – T27, T30, T40, T45, T50, and T55)	
1	High speed drill bit set (1/16" through 1/2")	
	Option #2	
1	3/8" drive impact flex sockets (6 point – 7 sockets, 3/8" though 3/4")	
1	Adjustable wrench (12") or wrenches	
1	Filter wrench or wrenches	
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	Screw extractor set (minimum 5 pieces)	
1	Adapter (1/2" female x 3/4" male)	
1	Adapter(1/4" female x 3/8" male)	
1	Adapter(3/4" female x 1/2 " male)	
1	Adapter (3/8" female x 1/4" male)	
1 set	Short combination wrenches 7 wrenches – 3/8" through 3/4")	
	Option #3	
1	1/2" impact wrench	
1 set	Impacts sockets (6 point – 7/16" through 1 1/4")	
1	3/8" drive air ratchet	
1	3/8" drive impact wrench (pistol, butterfly, or battery)	