

*Skyline College Automotive*  
**Morning Program Tool List**

Revised January 1, 2007

<b>REQUIRED TOOLS</b>			
<b>BASIC TOOL SET*</b>			
<b>REQUIRED SET:</b>			
Snap-On #	Description of Tool or Set	Quantity	
PPC715A	Punch and chisel set	1	
OEXM710B	Combination wrench set. 12 pt. 10mm to 19mm	1	
OSHM80B	8mm Combination wrench 6 pt.	1	
HBD24	24 oz. Ball peen dead blow hammer.	1	
HFE32	32 oz. Plastic coated dead blow hammer.	1	
SDDX800	Screw driver set. (Orange Handles - 8 pieces)	1	
224SFFM	3/8" drive shallow and deep socket set. 8mm to 19mm 6 pt.	1	
206EAU	3/8" drive extension and adapter set. (includes three lengths: 1 1/2", 3", 6"extensions, and two adapters 3/8" female to 1/4" male & 3/8" female to 1/2" male)	1	
F830	3/8" drive ratchet. (Standard length)	1	
F831	3/8" drive ratchet. (Flex head, long handle)	1	
GAM2A	6" metal machinist rule. US and Metric	1	
FBP10	Spark plug gapper	1	
SPB24A	24" pry bar with handle.	1	
ASA204AO	Pick Set 4 piece with handles (Orange colored handles.)	1	
PL300CP	Plier set. (Cutters, needle nose, slip joint.)	1	
90AP	Adjustable Joint Plier	1	

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<b>ELECTRICAL SUPPLEMENT SET</b>			
<b>REQUIRED SET:</b>			
<b>Snap-On #</b>	<b>Description of Tool or Set</b>		<b>Quantity</b>
PB24	1/4" drive plastic box		1
TM4CSA	1/4" drive long shank driver w/female square dr		1
TM830	1/4" drive sealed ratchet		1
TMXK2	1/4" drive 2" knurled extension		1
TMXK4	1/4" drive 4" knurled extension		1
TMXK60	1/4" drive 6" knurled extension		1
TMU8	1/4" drive universal joint		1
TMM7	1/4" drive 7mm metric 6 point short socket		1
TMM8	1/4" drive 8mm metric 6 point short socket		1
TMM9	1/4" drive 9mm metric 6 point short socket		1
TMM10	1/4" drive 10mm metric 6 point short socket		1
TMM11	1/4" drive 11mm metric 6 point short socket		1
TMM12	1/4" drive 12mm metric 6 point short socket		1
TMM13	1/4" drive 13mm metric 6 point short socket		1
TMM14	1/4" drive 14mm metric 6 point short socket		1
A265	Socket rail (length 7 3/8" to fit inside PB24)		1
A271A	1/4" drive socket rail clips (9 minimum for the above rail)		1
CT4F	12v test light		1
MT302A	Remote starter switch		1
BTC3	Battery brush		1
THX115	Battery tester - thexton		1
<b>ENGINES AND TRANSMISSIONS SUPPLEMENT SET</b>			
<b>REQUIRED SET:</b>			
<b>Snap-On #</b>	<b>Description of Tool or Set</b>		<b>Quantity</b>
AW9K	Folding hex wrench set. (.050" to 3/16")		1
AWM7K	Metric folding hex wrench set. (1.5mm to 6mm)		1
JT13	Blow gun. (non-restrictive) rubber tip.		1
HBT24	Bronze tip hammer. 24 oz.		1
N/A	Plastic faced gasket scrapper.		1
PPB1012	Tapered bronze punch. 10" long, 3/8" tip diameter.		1
S9704KA	3/8" drive spark plug socket. 13/16"		1
S9706KA	3/8" drive spark plug socket 5/8"		1
FB335	Feeler gauge set. .0015" to .035". 35 blades.		1

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<b>TRANSMISSIONS SUPPLEMENT SET</b>			
<b>REQUIRED SET:</b>			
	<b>Snap-On #</b>	<b>Description of Tool or Set</b>	<b>Quantity</b>
	SRP3	Snap ring pliers. 3/32" Wide straight tips and 1/16" thick.	1
	SRP2	Snap ring pliers. 3/32" Thick ends with 1/8" dimple.	1
	PRH34	Convertible snap ring pliers. .070" tips	1
	PRH32	Convertible snap ring pliers. .047" tips	1
	FXK11	3/8" drive extension. 10 or 11" long.	1
<b>ENGINE PERFORMANCE SUPPLEMENT SET</b>			
<b>REQUIRED SET:</b>			
	<b>Snap-On #</b>	<b>Description of Tool or Set</b>	<b>Quantity</b>
	SVT270P	Mighty Mite vacuum pump	1
	GA461B	Spark plug gapper - conventional	1
	FB360A	Spark plug gapper - electronic	1
	J26792	Modified spark plug - Kent Moore	1
	YA8837	Injector test noid - Kent Moore	1
	MT308KB	Compression gauge set	1
	MT311JB	Vacuum & fuel pump for carburetor pressure gauge set	1
	MT337A	High pressure injection fuel pressure gauge Set	1
			1

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<b>BRAKE AND CHASSIS SUPPLEMENT SET</b>			
<b>REQUIRED SET:</b>			
	<b>Snap-On #</b>	<b>Description of Tool or Set</b>	<b>Quantity</b>
	BCS70A	3/8" drive disc brake caliper set (Includes hex sizes: 1/4", 5/16", 3/8", 8mm, T40 Torx, T45 Torx, & T50 Torx)	1
	RXFMS606B	Flarenut wrench 6 piece set - Metric (Includes sizes: 9-11mm, 10-12mm, 13-14mm, 15-17mm, 16-18mm, 19-21mm)	1
	2003LN	Flip socket set (19-21mm, 3/4-13/16", & 3" extention)	1
	2438B	Pinch bar 38"	1
	SN24B	1/2" breaker bar	1
	OEXM200B	Combination wrench 12pt. 20mm	1
	OEXM210B	Combination wrench 12pt. 21mm	1
	OEXM220B	Combination wrench 12pt. 22mm	1
	OEXM230B	Combination wrench 12pt. 23mm	1
	OEXM240B	Combination wrench 12pt. 24mm	1
	HBD40	40 oz. dead-blow ball peen hammer	1
	HCH1A	Hub cap remover / installer	1
	TQFR250C	1/2" Dr. Flex-head torque wrench 40-250lb.ft.	1
	AT555	1/2" Dr. super duty air impact gun	1
	3111MYA	1/2" Dr. impact socket set 6 pt. (3/8"-1") 11 pcs.	1
	RXSF605B	Flairnut wrench set (1/4 " to 13/16) 5 pcs.	1
	YA111A	Tire gauge 20-100 psi	1
	GA143A	Tire valve stem tool	1
	GA599	Tire tread depth gauge	1
	GA296	Air chuck	1
	BTK5	Brake service tool set (includes: spring pliers, 29°x45° adjusting tool, 8x10mm bleeder wrench, double ended spring cap socket, and 1/4" handle)	1

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<b>OPTIONAL TOOLS- RECOMMENDED</b>			
<b>Optional Set # 1 - Electrical / Engine Performance</b>			
	<b>Snap-On #</b>	<b>Description of Tool or Set</b>	<b>Quantity</b>
	MT586AK	Automotive digital multimeter kit (Fluke 88 or equivalent) <i>Includes: Meter, inductive pick-up, temp. probe, storage case</i>	1
<b>Optional Set # 2 - Engines / Transmissions</b>			
	<b>Snap-On #</b>	<b>Description of Tool or Set</b>	<b>Quantity</b>
	PMF137	Vise grip dial indicator set.	1
	PMF132	6" digital type calipers (metal frame)	1
<b>Optional Set # 6 - Engines</b>			
	<b>Snap-On #</b>	<b>Description of Tool or Set</b>	<b>Quantity</b>
	TQFR250C	1/2" Dr. Flex-head torque wrench 40-250lb.ft.	1
<b>Optional Set # 7 - Electrical</b>			
	<b>Snap-On #</b>	<b>Description of Tool or Set</b>	<b>Quantity</b>
	113STMMY	1/4" drive deep sockets metric 5mm-15mm 6pt	1
	110STMY	1/4" drive deep sockets standard 3/16" - 9/16" 6pt	1
	SSDMR4BO	Ratcheting screwdriver (orange)	1
<b>Optional Set # 8 - Engines / Transmissions / Engine Performance</b>			
	<b>Snap-On #</b>	<b>Description of Tool or Set</b>	<b>Quantity</b>
	TQFR100A	3/8" Dr. Flex-head torque wrench 20-100lb.ft.	1
<b>Optional Set # 10 - Engines / Transmissions</b>			
	<b>Snap-On #</b>	<b>Description of Tool or Set</b>	<b>Quantity</b>
	AT700E	3/8" Dr. high torque air ratchet	1
	207IPFY	3/8" Dr. shallow impact swivel socket set 6 pt. (3/8"-3/4") 7 pcs.	1
<b>Optional Set # 11 - Engine Performance</b>			
	<b>Snap-On #</b>	<b>Description of Tool or Set</b>	<b>Quantity</b>
	MT2261AP	Digital tach/advance timing light	1
<b>Optional Set # 12 - Electrical (Snap-On or MAC only)</b>			
	<b>Snap-On #</b>	<b>Description of Tool or Set</b>	<b>Quantity</b>
	THX115	Battery tester - thexton	1
	MT301A	Jumper wire set - assorted lengths	1
	MT302A	Remote starter switch	1
	CT4F	12v test light	1

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<b>Optional Set # 13 - Engines / Transmissions</b>			
<b>Snap-On #</b>	<b>Description of Tool or Set</b>		<b>Quantity</b>
206AFS	3/8" drive universal socket set. 6 pt. (7/16" to 3/4") 6 pcs.		1
206FSUM	3/8" drive universal socket set. 6 pt. (10 to 17 mm) 6 pcs.		1
FX36	3/8" drive 36" extension bar.		1
212EFTXY	3/8" and 1/4" drive torx bits. T-8 to T-55		1
<b>Optional Set # 16 - Basic</b>			
<b>Snap-On #</b>	<b>Description of Tool or Set</b>		<b>Quantity</b>
OEX707B	Combination wrench set. 12 pt. 3/8" to 3/4"		1
222SFFS	3/8" drive shallow and deep socket set. 1/4" to 7/8" 6 pt.		1
<b>Optional Set # 17 - Basic</b>			
<b>Snap-On #</b>	<b>Description of Tool or Set</b>		<b>Quantity</b>
OSH10B	5/16" Combination wrench 6 pt.		1
ECF110A	Mini Maglight flashlight (2AA cell)		1
GA295	Flexible mechanics mirror		1
PT28D	Magnetic pickup tool. 2 lb. lift. Maximum extension 26 "		1
PK23	Metal gasket scrapper.		1
GAM2A	6" metal machinist rule. US and Metric		1
FBP10	Spark plug gapper		1
SPB24A	24" pry bar with handle.		1