

**AUTOMOTIVE COLLISION REPAIR TECHNOLOGY
BASIC TOOL LIST**

C =REQUIRED FOR COLLISION REPAIR STAB 111-112-121-122
R =REQUIRED FOR REFINISHING CTAB 131-132-141-142
C/R =REQUIRED FOR BOTH COLLISION & REFINISHING
O =OPTIONAL Tools (HIGHLIGHTED)

- C/R 1. Rollaway (large enough to hold tools)
- C 2. Combination wrench set-standard ¼" thru ¾"
- C 3. 9 piece combination wrench set-metric handle sizes 8mm thru 5mm
- C 4. Hex wrench set, 1/16" thru 3/8" (1)
- C 5. Hex wrench set, 1.5mm thru 8mm
- C 6. Adjustable 12" wrench (1) (Crescent wrench)
- C 7. Socket set, deep ¼" drive, sizes 5/16" thru ¾"
- C 8. Adapter, 3/8" female x ¼" male (1)
- C 9. Socket set, deep 3/8" drive, sizes 5/16" thru ¾" (1)
- C 10. Socket set, deep 3/8" drive, sizes 7mm thru 17mm (1)
- C 11. Standard socket set, 3/8" drive, sizes 5/16" thru ¾"
- C 12. Torx sockets, 3/8" drive sizes 40, 45, and 50 (1 ea.)
- C 13. Ratchet, ¼" drive (1)
- C 14. Ratchet, 3/8" drive (1)
- C 15. Extensions, ¼" drive, sizes 2", 4", and 6" (1ea)
- C 16. Extensions, 3/8" drive, sizes 3", 4", and 8" (1ea)
- C 17. Universal joint, 3/8" drive (1)
- C 18. Universal joint, ¼" drive (1)
- C/R 19. Screwdrivers, flat tip, 4 or 5 piece set
- C/R 20. Screwdrivers, Phillips tip, size #1, #2, #3
- C 21. Screwdriver, Phillips #2 Stubby (1)
- C 22. Screwdrivers, torx tip, sizes 10, 15, 20, 25, and 30 (1 set)
- C 23. Awl, scratch (1)
- C 24. Hacksaw, adjustable standard (1)
- C 25. Pliers, needle nose
- C/R 26. Pliers, slip joint, 8" (1)
- C 27. Pliers, diagonal cutting 6" (1)
- C 28. Pliers, locking 1 ½" or 8" (2 ea.) (Vice Grips)
- C 29. Bar roll head 16" to 20" (1 ea.)
- C 30. Center punch (approximately 4 ½" x 3/8") (1)
- C 31. Chisel, cold (approximately ½" x 6") (1)
- C/R 32. Blowgun (1)
- C 33. Snips, tinnerns, straight cut (aviation) (1)
- O 34. Snips, tinnerns, left cut (1) (optional)
- O 35. Snips, tinnerns, right cut (1) (optional)
- O 36. Trouble light, 3 wire x 25' (1) (optional)
- C/R 37. Flashlight, 2-D cells with batteries (1)
- C/R 38. Extension cord 12 gauge x 50 ft. (1)

- #C 39. Body hammer, dinging and picking (1) (Pick hammer)
- C 40. Hammer, cross peen and bumping (1) (Cross peen or chisel Point Body Hammer)
- C 41. Hammer, ball pen 30-32 oz. (1)
- O 42. Hammer, pneumatic w/ sheet metal ripper bit (optional)
- #C 43. Dolly, general purpose (1)
- C 44. Dolly, heel (1)
- #C 45. Body file holder (wood or metal) 14" (1)
- #C 46. Blade, file curved tooth (body file) 14" (1)
- C 47. Tape, measuring inch/metric 12' (1)
- C 48. Spoon, light dinging (1)
- C/R 49. Scraper with blade (razor blade single) (1)
- C/R 50. Release tool, moulding (windshield reveal moulding) (1)
- C/R 51. Release tool, door handle inside (1)
- C/R 52. Tool, trim panel removal, flat type (1)
- C 53. Brush wire (1)
- C 54. Brush wire, carbon 1" round (1)
- C/R 55. Putty knife 1" wide (1)
- *#C/R 56. Hose, air 5/16" or 3/8" ID x 50 ft.

Note: Hoses will need a type "T" coupler at one end and a type "T" nipple NPT at the other end.

- C 57. Bits, high speed twist (approximately 15 bits, sizes 1/16" thru 1/2" (1 set)
- C 58. Clamps, welding (vice grip #VP9R) (2 ea.)
- *R 59. Spray gun; gravity feed; DeVillbus GFG 616-1.6 mm fluid tip, SATA jet 90-1.4mm fluid tip, Sata NR 95 HVLP – 1.5 fluid tip, Sata HVLP Gravity Primer Gun 1.7mm fluid tip.

(See instructor if considering spray guns other than listed.)

- * C/R 60. Rotary/orbital sander 6" pad (1) (DA sander)
- O 61. Drill 3/8" variable speed electrical OR 3/8" pneumatic drill (1) (optional)
- C 62. Sander, straight line 2 3/4" x 17 1/2" pneumatic (1)
- C 63. Hinged head pickup tool, magnetic (1 lb. Lift) (1)
- C 64. Knife, folding blade (heavy duty 3 blade pocket type) (1)
- C 65. High speed cut-off tool w/see through guard (1)
- C 66. Spoon, long curved, face 2" x 7" (1)
Length overall 10 to 12"
- R 67. Regulator, pressure w/gauge (valve or diaphragm type) (1)
- #C 68. Gloves, Leather (Big Jake) 1 Pr
- *#C/R 69. Coveralls 1 Pr
- *#C/R 70. Glasses, Safety or Slide shields 1 Pr
- C 71. Goggles, Safety 1 Pr
- O 72. Helmet, Welding Arc (optional) 1 Ea.
- *#C/R 73. Proctors, Hearing 1 Set
- *R 74. Refreshers, Pads, Respirator 10 Ea.

*R	75. Respirator, Painting NIOSH Approved	1 Ea.
*#C/R	76. Respirator, Dust, Disposable	6 Ea.
C/R	77. Palate, Plastic Mixing	1 Ea.
C/R	78. Spreaders, Plastic	1 Set
*C	79. File, Sur-Form (Cheese grater)	1 Ea.
*C/R	80. Block, Sanding 2 3/4" x 5"	1 Ea.
*C/R	81. Block, Sanding 2 3/4" x 9"	1 Ea.
C/R	82. Board, Sanding 2 3/4" x 17"	1 Ea.
*C/R	83. Couplers, Airline (Type T)	1 Ea.
*C/R	84. Nipples, Airline Female (NPT-type T)	3 Ea.
*C/R	85. Nipples, Airline Male (NPT-type T)	4 Ea.
* R	86. Pad, Sanding, Meguires E-7200	1 Ea.
R	87. Sponge, 4" x 8" x 2"	1 Ea.
R	88. Gloves, Latex Exam. Unsize, Disp.	100 Ea.
R	89. Block, Sanding, 1 1/4" Dia. (optional)	1 Ea.
R	90. Discs, Sanding, 1 1/4" Dia (optional)	1 Pkg.
R	91. Suit, Paint, Disposable	1 Ea.
# C	92. Respirator, Welding Fume	1 Ea.
* R	93. "Q" Tips, Paper and Cotton Const.	1 Pkg.
*#C/R	94. Paper, Note, 3-hole (100 sheet pkg.)	1 Pkg.
*#C/R	95. Pencils or Pens	2 Ea.
*#C/R	96. Leather work boots or work shoes	1 Pr.
*#C/R	97. Text Book	
O	98. 8" Orbital/Rotary sander (optional)	1 Ea.
O	99. 5" Rotary air grinder (optional)	1 Ea.

* Refinish Tools/Supplies Necessary to begin class.....

Collision Tools/Supplies Necessary to begin class.....

NOTE: "Q" TIPS MUST BE RESISTANT TO THINNERS, PLASTICS WILL DISSOLVE AND RENDER THE Q-TIP USELESS FOR THE CLEANING OF SPRAY GUNS.

Revised 1/18/00