Automotive Collision Repair Technology

Basic Tool List

C= Required for Collision Repair ABDY 121-122
R= Required for Refinishing
O= Optional Tools

C/R 1. Rollaway toolbox large enough to hold tools
C 2. Combination wrench set (metric 7mm-19mm)
C 3. Hex wrench set (standard 1/16-3/8)
C 4. Hex wrench set (metric 1.5mm-8mm)
C 5. Adjustable 12’ wrench (Crescent wrench)
C 6. Socket set deep 1/4” drive (Metric 7mm-13mm)
C 7. Socket set Deep 3/8” drive (Metric 10mm-19mm)
C 8. Standard Socket set 3/8” drive (metric 10mm-19mm)
C 9. Adapter 3/8” female to 1/4" male
C 10. Torx Socket set 1/4" or 3/8” drive (10-50)
C 11. Ratchet 1/4” drive
C 12. Ratchet 3/8” drive
C 13. Extensions 1/4" drive (2”, 4”, and 6”)
C 14. Extensions 3/8” drive (3”, 4”, and 8”)
C 15. Universal joint 3/8” drive
C 16. Universal Joint 1/4” drive
C 17. Screwdrivers, flat tip, 4 or 5 piece set
C 18. Screwdrivers, Phillips (sizes #1, #2, #3 and #2 Stubby)
O 19. Hacksaw, adjustable
C 20. Pliers, needle nose
C 21. Pliers, slip joint, 8”
22. Pliers, locking (vice grips 4 piece set)
23. Center punch
24. Blowgun (OSHA Approved)
25. Snips, tinners, straight cut
26. Trouble Light
27. Flashlight
28. Extension cord 12 gauge (25 ft.)
29. 7 piece body hammer & dolly set
31. Spoon, light dinging
32. Tape measure inch/metric 12’
33. Scraper with blade (razor blade single)
34. Trim panel removal tool
35. Release tool, manual window crank
36. Wire Brush
37. Putty knife, 1” wide
38. Air hose 3/8 “x 50 ft.
39. Drill bit set (1/8”-1/2”) for steel
40. Orbital palm sander (DA sander) with 6” pad
41. Drill variable speed with 3/8” chuck
42. ¼” cordless impact driver
43. ⅜” impact bits (screwdriver type)
44. Magnetic pickup tool
45. High-speed cut-off tool with guard
46. ⅜” 90-degree grinder with roloc backing pad
47. Welding gloves
48. Mechanic gloves
49. Coveralls

50. Safety glasses

51. Safety goggles

52. Welding helmet (auto darkening)

53. Hearing protectors

54. Respirator, painting (NIOSH approved)

55. Disposable dust masks

56. Mixing palate (mud board)

57. Plastic spreaders (for body filler)

58. Sanding block set for sticky type pater 12”, 6” and round (durablocks preferred)

59. Coupler, Airline (type T)

60. Nipples, Airline Female (NPT type T)-3 each

61. Nipples, Airline Male (NPT type T) enough for personal air tools

62. Seam Buster, straight (Steck)

63. Seam Buster, 90-degree (Steck)

64. Latex exam gloves (disposable)

65. Paint Suit with hood

66. Unispotter (Stud Gun)

67. Hood Prop

68. Antenna sockets

69. Creeper

70. Spray gun, Gravity feed, 1.3 tip HVLP or RP current model of Sata, Iwata, or DeVillbiss (If considering a spray gun other than listed please see instructor)

71. Primer gun, HVLP 1.7 tip

72. Spray gun air regulator

73. Q-tips (Paper or wood shaft for solvent resistance)

74. Spray gun cleaning kit
C/R  75. Spray bottle for water
C/R  76. Leather work boots
C/R  77. Text Book
C/R  78. Notebook
C/R  79. Writing utensils (Pens, Pencils, etc.)