

OCCUPATIONAL TOOLS AND EQUIPMENT LIST

Auto Body and Collision Technician



Government of Newfoundland Labrador
Department of Education and Early Childhood Development
Apprenticeship and Trades Certification Division

Preface

This document is intended as a companion to the December 2011 Plan of Training for the Auto Body and Collision Technician occupation. It identifies the necessary tools and equipment required by apprentices and training institutions for the completion of apprenticeships.

Acknowledgements

Advisory committees, industry representatives, instructors and apprenticeship staff provided valuable input to the development of this document. Without their dedication to quality apprenticeship training, this document could not have been produced.

We offer you a sincere thank you.

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Note:

The numbers suggested in the following Tools and Equipment List represent the required minimum. Please verify this list with your selected training institution.

Tools and Equipment List

Auto Body and Collision Technician

SECTION A: TOOLS AND EQUIPMENT REQUIRED BY STUDENT			
Item	Units for individual Students	Required for Entry (E) Advanced (A) Both (B)	Comments
TOOLS			
Allan Keys	2 Sets (1 Metric & 1 Standard)	B	Item is listed for both Student and Institution
Applicators	2 Sets of 3	B	Item is listed for both Student and Institution
Chisels	1 Set of 5	B	Item is listed for both Student and Institution
Drill Bits	1 set	B	Item is listed for both Student and Institution
Files	1	B	Item is listed for both Student and Institution
Hack Saw	1	B	Item is listed for both Student and Institution
Hammers (Bumping, pick, ball peen)	3	B	Item is listed for both Student and Institution
Measuring Tape	1	B	Item is listed for both Student and Institution
Pliers (Needle Nose & Linesman)	1 each	B	Item is listed for both Student and Institution
Punches	1	B	Item is listed for both Student and Institution
Putty Knife	1	B	Item is listed for both Student and Institution

Ratchets	1 Set	B	Item is listed for both Student and Institution
Razor Blades And Holder	1	B	Item is listed for both Student and Institution

SECTION A: TOOLS AND EQUIPMENT REQUIRED BY STUDENT

Item	Units for individual Students	Required for Entry (E) Advanced (A) Both (B)	Comments
Sanding Blocks (1 5", 1 8.5", 1 Soft Block)	1 of each	B	Item is listed for both Student and Institution
Screw Driver	1 Set	B	Item is listed for both Student and Institution
Sockets (Combination Set)	1 set	B	Item is listed for both Student and Institution
Trim Clip Removal Tools (1 Narrow & 1 Wide)	1 of each	B	Item is listed for both Student and Institution
Utility Knife	1	B	Item is listed for both Student and Institution
Wrenches (Combination Set)	1 set	B	Item is listed for both Student and Institution
EQUIPMENT			
Air Blow Gun	1	B	Item is listed for both Student and Institution
Air Purifying Respirator (Charcoal)	1	B	
Tool Box (Approved Container)	1	B	
Calculator	1	B	Item is listed for both Student and Institution

Goggles	1	B	Item is listed for both Student and Institution
Paint Suit	1	B	
Safety Eye Wear	1	B	Item is listed for both Student and Institution
Safety Footwear	1	B	
Welding Clamps	2	B	Item is listed for both Student and Institution
Welding Gloves	1	B	Item is listed for both
SECTION A: TOOLS AND EQUIPMENT REQUIRED BY STUDENT			
Item	Units for individual Students	Required for Entry (E) Advanced (A) Both (B)	Comments
			Student and Institution

Note: If identifying sets, please include specific information.

SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION				
Item	Units per 15 students	Maximum Students per Unit	Required for Entry (E) Advanced (A) Both (B)	Comments
TOOLS				
Allan Keys	6 Sets (3 Metric & 3 Standard)	5 per set	B	Item is listed for both Student and Institution
Applicators	6 Sets of 3	5 per set	B	Item is listed for both Student and Institution
Body Spoons	2	8	B	

Brooms	5	3	B	
Car Wash Soap	12 Bottles	1	B	
Caulking Gun	3	5	B	
Chamois	3	5	B	
Chisels	3 Set of 5	5 per set	B	Item is listed for both Student and Institution
C-Clamps	3	5	B	
3 1/2" Cut-Off Tool	2	8	B	
Cutting Torch	1 Set	15	B	
Drill	2 (1 3/8" and 1 1/2")	8	B	

SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION

Item	Units per 15 students	Maximum Students per Unit	Required for Entry (E) Advanced (A) Both (B)	Comments
Drill Bits	3 Sets	5	B	Item is listed for both Student and Institution
Files	3	5	B	Item is listed for both Student and Institution
Hack Saw	3	5	B	Item is listed for both Student and Institution
Hammers (Bumping, pick, ball peen)	3 of each	5 per each	B	Item is listed for both Student and Institution
Heat Gun	1	15	B	
Hole Punch / Crimper	1	15	B	
Magnet	1	15	B	

Measuring Sticks	2	8	B	
Measuring Tape	3	5	B	Item is listed for both Student and Institution
Paint Shaker	1	15	B	
Plasma Cutter	1	15	B	
Pliers (Needle Nose & Linesman)	3 each	5 per each	B	Item is listed for both Student and Institution
Power Polishers	1	15	B	
Propane Torch	1	15	B	
Punches	3	5	B	Item is listed for both Student and Institution
Putty Knife	3	5	B	Item is listed for both Student and Institution
Racks	2	8	B	
Ratchets	3 Sets	5 per set	B	Item is listed for both Student and Institution
Razor Blades And Holder	3	5	B	Item is listed for both

SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION

Item	Units per 15 students	Maximum Students per Unit	Required for Entry (E) Advanced (A) Both (B)	Comments
				Student and Institution
Rags	6 50lb Boxes	3	B	
Sander	5	3	B	
Sanding Blocks (1 5", 1 8.5", 1 Soft Block)	3 of each	5 per each	B	Item is listed for both Student and Institution

Screw Driver	3 Sets	5 per set	B	Item is listed for both Student and Institution
Shovel	1	15	B	
Sockets (Combination Set)	3 sets	5 per set	B	Item is listed for both Student and Institution
Tin Snips	2 Sets	8	B	
Tip Cleaner	4	4	B	
Torque Wrench	1	15	B	
Trim Clip Removal Tools (1 Narrow & 1 Wide)	3 of each	5 per each	B	Item is listed for both Student and Institution
Utility Knife	3	5	B	Item is listed for both Student and Institution
Wire Crimping Tool	2	8	B	
Wire Cutters	2	8	B	
Wire Stripping Tools	2	8	B	
Wire Wheels	2	8	B	
Wrenches (Combination Set)	3 set	5 per set	B	Item is listed for both Student and Institution
EQUIPMENT				
2-Part Adhesive Gun	1	15	B	
Air Blow Gun	3	5	B	Item is listed for both

SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION

Item	Units per 15 students	Maximum Students per Unit	Required for Entry (E) Advanced (A) Both (B)	Comments
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				Student and Institution
Air Hose	8	2	B	
Ball Joint Remover	1	15	B	
Benches	8	2	B	
Calculator	3	5	B	Item is listed for both Student and Institution
Chemical Cleaner	4 Bottles	4	B	
Computer	15	1	B	
Computerized Diagnostic Equipment	2	8	B	
Continuity Tester	2	8	B	
Corrosion Protection Applicator	1	15	B	
Corrosion Protection Material	5 Gallons	3	B	
Covered Disposal Containers	4	4	B	
Drop Light	3	5	B	
Duct Tape	2	8	B	
Dust Mask	12 Boxes	1	B	
Ear Protectors	1 Box	15	B	
Electrical Tape	10 Rolls	2	B	
Environmentally Safe Disposal Containers	1	15	B	
Eye Wash Station	1	15	B	

SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION				
Item	Units per 15 students	Maximum Students per Unit	Required for Entry (E) Advanced (A) Both (B)	Comments
Fax Machine	1	15	B	
Fire Blanket	1	15	B	
Fire Extinguishers	3	5	B	
Fire Hoses	1	15	B	
First Aid Station	1	15	B	
GMAW Welder	3	5	B	
Goggles	3	5	B	Item is listed for both Student and Institution
Grinder	3	5	B	
Heat Drying Equipment	1	15	B	
Hot/Cold Glass Removal Tools	1	15	B	
Latex Gloves	3 Boxes	5	B	
Manufacturers' Installation And Specifications All-Data Online	1	15	B	
Masking Materials	200 Rolls Tape, 10 Rolls Paper, 1 Roll Plastic Cover	5	B	
Measuring Equipment	1	15	B	
Mixing Tools (Stir Sticks)	10	2	B	

Paint Application Equipment (Spray Gun)	4	4	B	
Paint Booth	1	15	B	
Paint Identification	1 Set	15	B	

SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION

Item	Units per 15 students	Maximum Students per Unit	Required for Entry (E) Advanced (A) Both (B)	Comments
Manuals				
Paint Manufacturer's Literature	1 Set	15	B	
Paint Mixing Machine	1	15	B	
Paint Scales	1	15	B	
Piano Wire	1 Roll	15	B	
Plastic Repair Equipment (Welder)	1	15	B	
Pneumatic Air Chisel	1	15	B	
Positive Pressure Air Fed Respirator	4	4	B	
Power Sanding Equipment	5	3	B	
Primer Application Equipment	1	15	B	
Rivet Gun	2	8	B	
Safety Eye Wear	3	5	B	Item is listed for both Student and Institution

Sand Blaster	1	15	B	
Sandpapers	30 Boxes	5	B	
Sealant	12 Tubes	2	B	
Soldering Tools	1	15	B	
Solvent Resistant Gloves	3 Boxes	5 per box	B	
Spot Welder	1	15	B	
Spring Compressor	1	15	B	
Strainers	4 Boxes	4 per box	B	
SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION				
Item	Units per 15 students	Maximum Students per Unit	Required for Entry (E) Advanced (A) Both (B)	Comments
Tack Rags	3 Boxes	5 per box	B	
Test Lamps	1	15	B	
Uni-Spotter (Dent Puller)	1	15	B	
Vacuum Cleaner	1	15	B	
Water Hose	1	15	B	
Welding Clamps	6	3	B	Item is listed for both Student and Institution
Welding Gloves	3	5	B	Item is listed for both Student and Institution

Note: If identifying sets, please include specific information.