

Auto Body and Collision Technician RSOS (2019) Subtask to Unit Comparison

RSOS Subtask		Manitoba Unit(s)
Task A-1 – Performs safety-related functions.		
1.01	Maintains safe work environment.	A1 Learning About Work C1 Environmental Awareness
1.02	Uses personal protective equipment (PPE) and safety equipment.	A2 Trade Safety Awareness
Task A-2 - Uses and maintains tools and equipment.		
2.01	Maintains hand and power tools.	A3 Tools and Equipment I B2 Tools and Equipment II C2 Tools and Equipment III D2 Tools and Equipment IV
2.02	Maintains frame and unibody repair and measuring equipment.	A3 Tools and Equipment I B2 Tools and Equipment II C2 Tools and Equipment III C8 Structural Components I (Prepares) C9 Measuring and Gauging D2 Tools and Equipment IV
2.03	Uses lifting equipment.	A3 Tools and Equipment I B2 Tools and Equipment II C2 Tools and Equipment III C5 Mechanical Components I C9 Measuring and Gauging D2 Tools and Equipment IV D5 Mechanical Components II (Removes and Installs)
2.04	Uses diagnostic equipment.	A3 Tools and Equipment I B2 Tools and Equipment II C2 Tools and Equipment III C5 Mechanical Components I C7 Supplemental Restraint Systems C12 Alternate Fuel Systems D2 Tools and Equipment IV D8 Electrical and Electronic Components II
2.05	Maintains refinishing tools and equipment.	A3 Tools and Equipment I B2 Tools and Equipment II C2 Tools and Equipment III
Task A-3 – Uses and maintains welding equipment.		
3.01	Uses welding equipment.	A5 Gas Metal Arc Welding (GMAW[MIG]) I A17 Trade Related Mathematics, Science and Batteries B1 Trade Related Mathematics B14 Gas Metal Arc Welding (GMAW[MIG]) II C3 Metal Inert Gas (MIG) Welding and Squeeze-Type Resistance Spot Welding (STRSW) D3 Steel and Aluminum Welding
3.02	Maintains welding equipment.	A5 Gas Metal Arc Welding (GMAW[MIG]) I B14 Gas Metal Arc Welding (GMAW[MIG]) II C3 Metal Inert Gas (MIG) Welding and Squeeze-Type Resistance Spot Welding (STRSW) D3 Steel and Aluminum Welding
Task A-4 – Organizes work and uses documentation		
4.01	Prepares estimates and supplements.	A17 Trade Related Mathematics, Science and Batteries

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		B1 Trade Related Mathematics C5 Mechanical Components I C7 Supplemental Restraint Systems C8 Structural Components I (Prepares) C9 Measuring and Gauging C10 Structural Components II (Removes, Repairs and Installs) C11 Refinishing Materials IV C12 Alternate Fuel Systems D5 Mechanical Components II (Removes and Installs)
4.02	Prepares repair plan	A17 Trade Related Mathematics, Science and Batteries B1 Trade Related Mathematics C4 Rivet Bonding C5 Mechanical Components I C7 Supplemental Restraint Systems C8 Structural Components I (Prepares) C9 Measuring and Gauging C10 Structural Components II (Removes, Repairs and Installs) C11 Refinishing Materials IV C12 Alternate Fuel Systems D5 Mechanical Components II (Removes and Installs) D8 Electrical and Electronic Components II
4.03	Organizes parts, materials and work area.	A17 Trade Related Mathematics, Science and Batteries B1 Trade Related Mathematics C4 Rivet Bonding C5 Mechanical Components I C6 Electrical and Electronic Components I D5 Mechanical Components II (Removes and Installs)
4.04	Uses documentation.	A1 Learning About Work A6 Trade Related Documents I A17 Trade Related Mathematics, Science and Batteries B1 Trade Related Mathematics B3 Trade Related Documents II C4 Rivet Bonding C5 Mechanical Components I C6 Electrical and Electronic Components I C7 Supplemental Restraint Systems C8 Structural Components I (Prepares) C9 Measuring and Gauging C10 Structural Components II (Removes, Repairs and Installs) C11 Refinishing Materials IV C12 Alternate Fuel Systems D1 Journeyperson Trainer D5 Mechanical Components II (Removes and Installs) D8 Electrical and Electronic Components II D11 Pre-Interprovincial Review
Task A-5 – Uses communication and mentoring techniques.		
5.01	Uses communication techniques.	A7 Communication
5.02	Uses mentoring techniques.	D1 Journeyperson Trainer
Task A-6 – Removes and installs trim and hardware.		
6.01	Removes trim and hardware.	A8 Trim and Hardware C7 Supplemental Restraint Systems C12 Alternate Fuel Systems
6.02	Installs trim and hardware.	A8 Trim and Hardware C7 Supplemental Restraint Systems C12 Alternate Fuel Systems

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Task A-7 – Performs final inspection.		
7.01	Performs final operational check.	C7 Supplemental Restraint Systems C12 Alternate Fuel Systems D8 Electrical and Electronic Components II D10 Final Inspections
7.02	Performs final quality control check.	A16 Post-Refinishing Functions I C5 Mechanical Components I C6 Electrical and Electronic Components I C11 Refinishing Materials IV D5 Mechanical Components II (Removes and Installs) D8 Electrical and Electronic Components II D10 Final Inspections
Task A-8 – Applies corrosion protection and sound deadening materials.		
8.01	Applies corrosion inhibitors and undercoats.	B4 Corrosion Protection and Sound Deadening Materials D6 Structural Components III (Prepares) D7 Structural Components IV (Removes, Repairs and Installs)
8.02	Applies seam sealers and sound deadeners.	B4 Corrosion Protection and Sound Deadening Materials D6 Structural Components III (Prepares) D7 Structural Components IV (Removes, Repairs and Installs)
Task B-9 – Prepares for repair and replacement of structural components		
9.01	Identifies extent of damage.	A17 Trade Related Mathematics, Science and Batteries B1 Trade Related Mathematics C8 Structural Components I (Prepares) C9 Measuring and Gauging
9.02	Removes components for access.	C5 Mechanical Components I C6 Electrical and Electronic Components I C9 Measuring and Gauging C10 Structural Components II (Removes, Repairs and Installs) D5 Mechanical Components II (Removes and Installs) D6 Structural Components III (Prepares)
9.03	Performs vehicle setup.	A17 Trade Related Mathematics, Science and Batteries B1 Trade Related Mathematics C9 Measuring and Gauging
Task B-10 – Repairs, removes and installs structural components.		
10.01	Repairs structural components.	C9 Measuring and Gauging C10 Structural Components II (Removes, Repairs and Installs) D4 Straightening Aluminum D9 Unitized Body and Conventional Frame Repairs
10.02	Removes structural components.	C4 Rivet Bonding C5 Mechanical Components I C10 Structural Components II (Removes, Repairs and Installs) D4 Straightening Aluminum D5 Mechanical Components II (Removes and Installs) D7 Structural Components IV (Removes, Repairs and Installs) D9 Unitized Body and Conventional Frame Repairs
10.03	Installs structural components.	A17 Trade Related Mathematics, Science and Batteries B1 Trade Related Mathematics C3 Metal Inert Gas (MIG) Welding and Squeeze-Type Resistance Spot Welding (STRSW) C4 Rivet Bonding

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		C9 Measuring and Gauging C10 Structural Components II (Removes, Repairs and Installs) D3 Steel and Aluminum Welding D4 Straightening Aluminum D6 Structural Components III (Prepares) D7 Structural Components IV (Removes, Repairs and Installs) D9 Unitized Body and Conventional Frame Repairs
Task B-11 – Removes, installs and repairs structural and laminated glass.		
11.01	Repairs structural glass.	B5 Stationary and Moveable Glass C6 Electrical and Electronic Components I
11.02	Installs structural glass.	B5 Stationary and Moveable Glass C6 Electrical and Electronic Components I C7 Supplemental Restraint Systems C8 Structural Components I (Prepares) C10 Structural Components II (Removes, Repairs and Installs) D6 Structural Components III (Prepares)
11.03	Repairs laminated glass.	B5 Stationary and Moveable Glass
Task C-12 – Removes, repairs and installs metal panels and components.		
12.01	Prepares metal panels and components for repair.	A5 Gas Metal Arc Welding (GMAW[MIG]) I A9 Metal Panels and Components I B6 Metal Panels and Components II B14 Gas Metal Arc Welding (GMAW[MIG]) II C3 Metal Inert Gas (MIG) Welding and Squeeze-Type Resistance Spot Welding (STRSW) C4 Rivet Bonding C8 Structural Components I (Prepares) C10 Structural Components II (Removes, Repairs and Installs) D4 Straightening Aluminum D9 Unitized Body and Conventional Frame Repairs
12.02	Removes metal panels and components.	A9 Metal Panels and Components I B6 Metal Panels and Components II C4 Rivet Bonding C10 Structural Components II (Removes, Repairs and Installs) D4 Straightening Aluminum D9 Unitized Body and Conventional Frame Repairs
12.03	Repairs metal panels and components.	A9 Metal Panels and Components I A10 Body Fillers and Abrasives B6 Metal Panels and Components II C4 Rivet Bonding C10 Structural Components II (Removes, Repairs and Installs) D4 Straightening Aluminum D9 Unitized Body and Conventional Frame Repairs
12.04	Installs metal panels and components.	A5 Gas Metal Arc Welding (GMAW[MIG]) I A9 Metal Panels and Components I B6 Metal Panels and Components II B14 Gas Metal Arc Welding (GMAW[MIG]) II C3 Metal Inert Gas (MIG) Welding and Squeeze-Type Resistance Spot Welding (STRSW) C4 Rivet Bonding C10 Structural Components II (Removes, Repairs and Installs) D3 Steel and Aluminum Welding

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		D4 Straightening Aluminum D6 Structural Components III (Prepares) D7 Structural Components IV (Removes, Repairs and Installs) D9 Unitized Body and Conventional Frame Repairs
Task C-13 – Removes, repairs and installs plastic and composite panels and components.		
13.01	Prepares plastic and composite panels and components for repair.	A11 Plastic and Composite Panels I B7 Plastic and Composite Panels II
13.02	Removes plastic and composite panels and components.	A11 Plastic and Composite Panels I B7 Plastic and Composite Panels II C6 Electrical and Electronic Components I C10 Structural Components II (Removes, Repairs and Installs)
13.03	Repairs plastic and composite panels and components.	B7 Plastic and Composite Panels II C10 Structural Components II (Removes, Repairs and Installs)
13.04	Installs plastic and composite panels and components.	A11 Plastic and Composite Panels I B7 Plastic and Composite Panels II C6 Electrical and Electronic Components I C10 Structural Components II (Removes, Repairs and Installs)
Task C-14 – Removes and install non-structural glass.		
14.01	Removes non-structural glass.	A8 Trim and Hardware B5 Stationary and Moveable Glass
14.02	Installs non-structural glass.	A8 Trim and Hardware B5 Stationary and Moveable Glass
Task D-15 – Deactivates and reactivates alternative-fuel systems.		
15.01	Deactivates alternative-fuel systems.	A17 Trade Related Mathematics, Science and Batteries B1 Trade Related Mathematics C5 Mechanical Components I C6 Electrical and Electronic Components I C12 Alternate Fuel Systems D8 Electrical and Electronic Components II D10 Final Inspections
15.02	Reactivates alternative-fuel systems.	A17 Trade Related Mathematics, Science and Batteries B1 Trade Related Mathematics C5 Mechanical Components I C6 Electrical and Electronic Components I C12 Alternate Fuel Systems D8 Electrical and Electronic Components II D10 Final Inspections
Task D-16 – Removes and installs mechanical components.		
16.01	Remove mechanical components.	A17 Trade Related Mathematics, Science and Batteries B1 Trade Related Mathematics C5 Mechanical Components I C6 Electrical and Electronic Components I C12 Alternative Fuel Systems
16.02	Installs mechanical components.	A17 Trade Related Mathematics, Science and Batteries B1 Trade Related Mathematics C5 Mechanical Components I C6 Electrical and Electronic Components I C12 Alternative Fuel Systems
Task D-17 – Remove, repairs and installs electrical and electronic components.		
17.01	Remove electrical components.	A17 Trade Related Mathematics, Science and Batteries B1 Trade Related Mathematics

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		B13 Electrical Fundamentals C12 Alternative Fuel Systems D8 Electrical and Electronic Components II
17.02	Repairs damaged wires and protective coverings.	A17 Trade Related Mathematics, Science and Batteries B1 Trade Related Mathematics B13 Electrical Fundamentals C6 Electrical and Electronic Components I C7 Supplemental Restraint Systems C12 Alternative Fuel Systems D8 Electrical and Electronic Components II
17.03	Installs electrical components.	A17 Trade Related Mathematics, Science and Batteries B1 Trade Related Mathematics B13 Electrical Fundamentals C6 Electrical and Electronic Components I C7 Supplemental Restraint Systems C12 Alternative Fuel Systems D8 Electrical and Electronic Components II
17.04	Services advanced electronic components.	A17 Trade Related Mathematics, Science and Batteries B1 Trade Related Mathematics C6 Electrical and Electronic Components I C7 Supplemental Restraint Systems C12 Alternative Fuel Systems D8 Electrical and Electronic Components II
Task E-18 – Repairs and replaces interior components.		
18.01	Repairs interior components.	A8 Trim and Hardware A11 Plastic and Composite Panels I B8 Interior Components
18.02	Replaces interior components.	A8 Trim and Hardware A11 Plastic and Composite Panels I B8 Interior Components
Task E-19 – Services supplemental restraint systems (SRS).		
19.01	Services seat belt restraint systems.	C6 Electrical and Electronic Components I C7 Supplemental Restraint Systems
19.02	Services air bags and related components.	C6 Electrical and Electronic Components I C7 Supplemental Restraint Systems
Task F-20 – Prepares surface.		
20.01	Performs initial preparation.	A12 Surface Preparation C11 Refinishing Materials IV
20.02	Masks surface.	A12 Surface Preparation C11 Refinishing Materials IV
20.03	Strips surface.	A12 Surface Preparation
20.04	Sands surface.	A12 Surface Preparation C11 Refinishing Materials IV
Task F-21 – Uses repair materials.		
21.01	Mixes repair materials.	A13 Repair Materials
21.01	Applies repair materials.	A13 Repair Materials
Task F-22 – Prepares refinishing equipment.		
22.01	Prepares spray booth.	A14 Refinishing Equipment Preparation I B9 Refinishing Equipment Preparation II
22.02	Performs spray gun setup.	A14 Refinishing Equipment Preparation I B9 Refinishing Equipment Preparation II C11 Refinishing Materials IV
Task F-23 – Prepares refinishing materials.		
23.01	Mixes refinishing materials.	B10 Refinishing Materials II (Prepares)

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23.02	Performs colour adjustments.	C11 Refinishing Materials IV
Task F-24 – Applies refinishing materials.		
24.01	Applies sealers.	B11 Refinishing Materials III (Applies)
24.02	Applies base coat.	B11 Refinishing Materials III (Applies) C11 Refinishing Materials IV
24.03	Applies single-stage paint.	B11 Refinishing Materials III (Applies) C11 Refinishing Materials IV
24.04	Applies clear coat.	B11 Refinishing Materials III (Applies) C11 Refinishing Materials IV
Task F-25 – Performs post-refinishing functions.		
25.01	Removes masking materials.	A12 Surface Preparation B12 Post-Refinishing Functions II D10 Final Inspections
25.02	Corrects surface imperfections.	A16 Post-Refinishing Functions I B12 Post-Refinishing Functions II D10 Final Inspections
Task G- 26 – Details exterior.		
26.01	Removes minor imperfections.	A16 Post-Refinishing Functions I B12 Post-Refinishing Functions II D10 Final Inspections
26.02	Polishes vehicle.	A16 Post-Refinishing Functions I B12 Post-Refinishing Functions II D10 Final Inspections
26.03	Touches up stone chips.	A16 Post-Refinishing Functions I B12 Post-Refinishing Functions II D10 Final Inspections
Task G-27 – Cleans vehicle.		
27.01	Cleans exterior.	A16 Post-Refinishing Functions I B12 Post-Refinishing Functions II D10 Final Inspections
27.02	Cleans interior.	A16 Post-Refinishing Functions I B12 Post-Refinishing Functions II D10 Final Inspections