# **Collision Repair**

Youth Apprenticeship



### **COLLISION REPAIR**

Collision Repair youth apprentices gain skills related to the preventative maintenance and repair of Collision vehicles and equipment. Apprentices must adhere to industry safety and security standards.

Length of Apprenticeship: One or two years

#### **REQUIRED COMPETENCIES**

Youth apprentices must become proficient in both general employability and occupation-specific competencies. All of these, and examples of how each can be demonstrated, are found in the following pages. **Year 1**: A total of 11 occupational competencies (9 required competencies and 2 additional competencies) must be learned for this occupation. **Year 2**: An additional 8 competencies must be learned. Employers can substitute out one competency per year and should write in the competency they are adding. Where necessary, skills can be simulated. Youth apprentices must be evaluated on these competencies at least two times each year of their apprenticeship.

	YEAR 1 Competencies		YEAR 2 (Additional) Competencies		
1.	Operate tools and equipment safely	1.	Assist repair of damaged metal surfaces and		
2.	Maintain clean and organized work area		parts		
3.	Process work order	2.	Repair door locks and hinges		
4.	Prepare exterior of vehicle for repair	3.	Repair fender and front/rear light		
5.	Prepare interior of vehicle for repair		components		
6.	Apply anti-corrosion protection to surfaces	4.	Weld metal parts		
7.	Repair water and air leaks	5.	Replace interior parts		
8.	Contribute to the plan of work	6.	Assist the repair of movable glass		
9.	Prepare vehicle for final inspection		components		
		7.	Repair flexible exterior plastic parts		
		8.	Replace damaged exterior electrical		
		components			
		9. Assess structural damage			
		10.	Assess mechanical damage		
		11.	Assess electrical damage		
		12. Assess suspension damage			
		13. Assess finish damage			
		14. Prepare area for painting			
		15. Color sand and buff finished surfaces			
		16. Apply undercoating			
		17. Prepare paint and equipment			
		18.	Apply paint on test panel or let-down panel		

#### REGISTERED APPRENTICESHIP BRIDGING OPPORTUNITIES

Some of the related instruction courses can bridge into the following registered apprenticeship:

• Collision Repair Registered Apprenticeship

#### POST-SECONDARY PATHWAY OPPORTUNITIES

There are several post-secondary pathway opportunities in this area. Following is partial list.

• Auto Collision Repair and Refinishing Technician



# **COLLISION REPAIR**

Youth Apprenticeship

# ON-THE-JOB LEARNING PERFORMANCE STANDARDS GUIDE

#### YOUTH APPRENTICE INFORMATION

Youth Apprentice Name	
YA Coordinator	
YA Consortium	
School District	
SIGNATURES	
The On-the-Job Learning Performance Standards	s Guide includes a list of competencies youth
apprentices learn through mentoring and trainin	· · · · · · · · · · · · · · · · · · ·
should be reviewed with the employer/mentor,	rs and School-Based or YA coordinators: This document school-based or YA coordinator on a regular basis with n future steps to ensure completion of the required inator, and the apprentice sign below.
Emplo 1 <sup>st</sup> Evaluation (Required)	o <u>ver/Mentor</u> 2 <sup>nd</sup> Evaluation (Required)
Employer/Mentor Signature	Employer/Mentor Signature
Employer/Mentor	Employer/Mentor
Business/Company	Business/Company
Date Signed	Date Signed
3 <sup>rd</sup> Evaluation (Optional)	4th Evaluation (Optional)
Employer/Mentor Signature	Employer/Mentor Signature
Employer/Mentor	Employer/Mentor
Business/Company	Business/Company
Date Signed	Date Signed

# **School-Based and/or YA Coordinator**

## 1<sup>st</sup> Evaluation (Required)

# 2<sup>nd</sup> Evaluation (Required)

School-Based and/or YA Coordinator Signature	School-Based and/or YA Coordinator Signature
School-Based and/or YA Coordinator	School-Based and/or YA Coordinator
School District or Organization	School District or Organization
Date Signed	Date Signed

# 3<sup>rd</sup> Evaluation (Optional)

### 4th Evaluation (Optional)

School-Based and/or YA Coordinator Signature	School-Based and/or YA Coordinator Signature
School-Based and/or YA Coordinator	School-Based and/or YA Coordinator
School District or Organization	School District or Organization
Date Signed	Date Signed

# **Youth Apprentice**

### 1<sup>st</sup> Evaluation (Required)

# 2<sup>nd</sup> Evaluation (Required)

Youth Apprentice Signature	Youth Apprentice Signature
Youth Apprentice	Youth Apprentice
School District / High School	School District / High School
Date Signed	Date Signed

# 3<sup>rd</sup> Evaluation (Optional)

### 4th Evaluation (Optional)

Youth Apprentice Signature	Youth Apprentice Signature
Youth Apprentice	Youth Apprentice
School District / High School	School District / High School
Date Signed	Date Signed

# EMPLOYABILITY SKILLS (TO BE COMPLETED BY YA EMPLOYER/MENTOR)

All youth apprentices must demonstrate the key employability skills listed below in order to complete the YA program. They do so by earning at least a "Meets Expectation" rating in each. **At least two evaluations are required each year of a youth apprenticeship.** More columns are included below for those who choose to conduct more frequent reviews.

1	Working to Meet Expectations: Needs improvement; requires much assistance and supervision; rarely displays this behavior
2	<i>Meets Expectations:</i> Meets entry-level criteria; requires some supervision; often displays this behavior
3	<b>Exceeds Expectations:</b> Exceeds entry-level criteria; requires minimal supervision; consistently displays this behavior

Employability Skills		Rat	ing	
Competency and Rating Criteria	Initial	Mid Year 1	Mid Year 2	Final
<ol> <li>Develops positive work relationships with others.         Examples of qualities and habits that the employee might exhibit include:         <ul> <li>Interacts with others with respect and in a non-judgmental manner</li> <li>Responds to others in an appropriate and non-offensive manner</li> <li>Helps co-workers and peers accomplish tasks or goals</li> <li>Applies problem-solving strategies to improve relations with others</li> <li>When managing others, shows traits such as compassion, listening, coaching, team development, and appreciation</li> </ul> </li> </ol>	☐ 1	☐ 1	☐ 1	☐ 1
	☐ 2	☐ 2	☐ 2	☐ 2
	☐ 3	☐ 3	☐ 3	☐ 3
<ul> <li>Communicates effectively with others         <ul> <li>Examples of qualities and habits that the employee might exhibit include</li> <li>Adjusts the communication approach for the target audience, purpose, and situation to maximize impact</li> <li>Organizes messages/information in a logical and helpful manner</li> <li>Speaks clearly and writes legibly</li> <li>Models behaviors to show active listening</li> <li>Applies what was read to actual practice</li> <li>Asks appropriate questions for clarity</li> </ul> </li> </ul>	□1	☐ 1	☐ 1	☐ 1
	□2	☐ 2	☐ 2	☐ 2
	□3	☐ 3	☐ 3	☐ 3
<ul> <li>Collaborates with others         <ul> <li>Examples of qualities and habits that the employee might exhibit include</li> </ul> </li> <li>Works effectively in teams with people of diverse backgrounds regardless of sex, race, ethnicity, nationality, sexuality, religion, political views, and abilities</li> <li>Shares responsibility for collaborative work and decision making</li> <li>Uses the problem-solving process to work through differences of opinion in a constructive manner to achieve a reasonable compromise</li> <li>Avoids contributing to an unproductive group conflict         <ul> <li>Shares information and carries out responsibilities in a timely manner</li> </ul> </li> </ul>	□ 1	☐ 1	☐ 1	☐ 1
	□ 2	☐ 2	☐ 2	☐ 2
	□ 3	☐ 3	☐ 3	☐ 3

	Employability Skills	oloyability Skills Rating			
	Competency and Rating Criteria	Initial	Mid Year 1	Mid Year 2	Final
4.	<ul> <li>Maintains composure under pressure         Examples of qualities and habits that the employee might exhibit include     </li> <li>Uses critical thinking to determine the best options or outcomes when faced with a challenging situation</li> <li>Carries out assigned duties while under pressure</li> <li>Acts in a respectful, professional, and non-offensive manner while under pressure</li> <li>Applies stress management techniques to cope under pressure</li> </ul>	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3	□1 □2 □3
5.	Demonstrates integrity  Examples of qualities and habits that the employee might exhibit include  Carries out responsibilities in an ethical, legal and confidential manner  Responds to situations in a timely manner  Takes personal responsibility to correct problems  Models behaviors that demonstrate self-discipline, reliability, and dependability	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3	□1 □2 □3
6.	Performs quality work  Examples of qualities and habits that the employee might exhibit include  Carries out written and verbal directions accurately  Completes work efficiently and effectively  Performs calculations accurately  Conserves resources, supplies, and materials to minimize costs and environmental impact  Uses equipment, technology, and work strategies to improve workflow  Applies problem-solving strategies to improve productivity  Adheres to worksite regulations and practices  Maintains an organized work area	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3
7.	Provides quality goods or services (internal and external)  Examples of qualities and habits that the employee might exhibit include  Shows support for the organizational goals and principles by own personal actions  Displays a respectful and professional image to customers  Displays an enthusiastic attitude and desire to take care of customer needs  Seeks out ways to increase customer satisfaction  Produces goods to workplace specifications	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3
8.	<ul> <li>Shows initiative and self-direction</li> <li>Examples of qualities and habits that the employee might exhibit include</li> <li>Prioritizes and carries out responsibilities without being told</li> <li>Responds with enthusiasm and flexibility to handle tasks that need immediate attention</li> <li>Reflects on any unsatisfactory outcome as an opportunity to learn</li> <li>Improves personal performance by doing something different or differently</li> <li>Analyzes how own actions impact the overall organization</li> <li>Supports own action with sound reasoning and principles</li> <li>Balances personal activities to minimize interference with work responsibilities</li> </ul>	□1 □2 □3	□ 1 □ 2 □ 3	☐ 1 ☐ 2 ☐ 3	□1 □2 □3

Employability Skills		Rati	ing	
Competency and Rating Criteria	Initial	Mid Year 1	Mid Year 2	Final
<ul> <li>9. Adapts to change         Examples of qualities and habits that the employee might exhibit include Shows flexibility and willingness to learn new skills for various job roles         <ul> <li>Uses problem-solving and critical-thinking skills to cope with changing circumstances</li> <li>Modifies own work behavior based on feedback, unsatisfactory outcomes, efficiency, and effectiveness</li> <li>Displays a "can do" attitude</li> </ul> </li> </ul>	☐ 1	☐ 1	☐ 1	☐ 1
	☐ 2	☐ 2	☐ 2	☐ 2
	☐ 3	☐ 3	☐ 3	☐ 3
<ul> <li>10. Demonstrates safety and security regulations and practices  Examples of qualities and habits that the employee might exhibit include</li> <li>Follows personal safety requirements</li> <li>Maintains a safe work environment</li> <li>Demonstrates professional role in an emergency</li> <li>Follows security procedures</li> <li>Maintains confidentiality</li> </ul>	☐ 1	☐ 1	☐ 1	□ 1
	☐ 2	☐ 2	☐ 2	□ 2
	☐ 3	☐ 3	☐ 3	□ 3
<ul> <li>11. Applies job-related technology, information, and media  Examples of qualities and habits that the employee might exhibit include</li> <li>Applies technology effectively in the workplace</li> <li>Assesses and evaluates information on the job</li> <li>Assesses training manuals, website, and other media related to the job</li> </ul>	☐ 1	☐ 1	□ 1	☐ 1
	☐ 2	☐ 2	□ 2	☐ 2
	☐ 3	☐ 3	□ 3	☐ 3
<ul> <li>12. Fulfills training or certification requirements for employment         Examples of this requirement may include</li> <li>Participation in required career-related training and/or educational programs</li> <li>Passing certification tests to qualify for licensure and/or certification</li> <li>Participation in company training or orientation</li> </ul>	☐ 1	☐ 1	☐ 1	☐ 1
	☐ 2	☐ 2	☐ 2	☐ 2
	☐ 3	☐ 3	☐ 3	☐ 3
<ul> <li>13. Sets personal goals for improvement  Examples of this requirement may include  • Setting goals that are specific and measurable  • Setting work-related goals that align with the organization's mission  • Identifying strategies to reach goals  • Reflecting on goal progress to regularly evaluate and modify goals</li> </ul>	☐ 1	□ 1	□ 1	□ 1
	☐ 2	□ 2	□ 2	□ 2
	☐ 3	□ 3	□ 3	□ 3

# YEAR 1 OCCUPATIONAL COMPETENCIES (TO BE COMPLETED BY YA EMPLOYER/MENTOR)

Youth apprentices must earn a rating of at least "MEETS EXPECTATIONS" in each competency by the conclusion of the apprenticeship. Year 1: A total of 11 occupational competencies (9 required competencies and 2 additional competencies) must be learned for this occupation. Year 2: An additional 8 competencies must be learned. Employers can substitute out one competency per year and should write in the competency they are adding. Where necessary, skills can be simulated. At least two evaluations are required each year of a youth apprenticeship. More columns are included below for those who choose to conduct more frequent reviews.

1	Working to Meet Expectations: Needs improvement; requires much assistance and supervision;
	rarely displays this behavior
2	Meets Expectations: Meets entry-level criteria; requires some supervision; often displays this
	behavior
3	Exceeds Expectations: Exceeds entry-level criteria; requires minimal supervision; consistently
	displays this behavior

Occupational Competencies		Rat	ing	
Competency and Rating Criteria		Year 1 Evaluation Minimum Rating of 2 EACH Check Rating		
	Initial	Mid Year 1	Mid Year 2	Final
1. Operate tools and equipment safely  • operate only equipment trained on  • choose correct tool or equipment for the task  • verify tool/equipment is available for use and in working order  • verify tool/equipment is current for preventative maintenance and/or calibration  • verify safety equipment  • wear proper Personal Protective Equipment (PPE)  • use tool/equipment guarding devices  • monitor tool/equipment for safe operation  • follow procedures for clean-up and shut down  • perform required preventative maintenance  • report abnormal tool/equipment conditions promptly  • shut down and label tool/equipment not operating as expected  • complete service documentation	□ 1 □ 2 □ 3	□ 1 □ 2 □ 3	□ 1 □ 2 □ 3	□ 1 □ 2 □ 3

Occupational Compete	encies		Rati	ing	
			Year 1 Ev		
		Minii		ing of 2 E	ACH
Competency and Rating	Criteria		Check I		
		Initial	Mid	Mid	Final
2. Maintain clean and organized work area			Year 1	Year 2	
maintain clean and organized work area     maintain shop manuals and/or electroni	ratriaval systems				
organize tools	c retrieval systems	<u></u>	<u></u>	<u></u>	<u></u>
sweep work area		3	3	3	3
maintain tools after use					
<ul> <li>return tools to proper location</li> </ul>					
<ul> <li>process old parts properly</li> </ul>					
<ul> <li>handle hazardous materials properly</li> </ul>					
	ants				
follow manufacturer warranty requirem	ents				
3. Process work order		<b>□1</b>	<b>□1</b>	<b>□1</b>	<b>□</b> 1
confirm customer complaint/concern		☐ <b>2</b>	☐ <del>-</del>	☐ <del>-</del>	□ <u>-</u>
<ul> <li>obtain correct customer information, ve</li> </ul>	nicle identifying information,				☐2 ☐3
customer concern, and related service h		L 3	L 3	L 3	
<ul> <li>document customer complaint/concern</li> </ul>	information on repair order				
<ul> <li>check technical service bulletins/update</li> </ul>	5				
<ul> <li>select appropriate form/records</li> </ul>					
update electronic data					
<ul> <li>obtain customer signature(s)</li> </ul>					
<ul> <li>handle complaints tactfully without insu</li> </ul>	t or conflict				
<ul> <li>protect vehicle interior for service</li> </ul>					
follow work order process flow					
<ul> <li>follow 3C's (Complaint, Cause, Correctio</li> </ul>	n) process				
4. Dramara aytariar of vahiala for ranair					
4. Prepare exterior of vehicle for repair			<u> </u> 1	<u> </u> 1	<b>∐1</b>
obtain job equipment and materials     follow safety and service procedures		2	2	<u></u>	<u></u>
<ul><li>follow safety and service procedures</li><li>check automobile manufacturer's recom</li></ul>	monded procedure	□ 3	□ 3	□ 3	<b>□</b> 3
remove decals, stripes, moldings, or eml	·				
<ul> <li>remove decais, stripes, moldings, or emile</li> <li>remove dirt, grease, wax, and coatings</li> </ul>	ole i i i s				
mask around work area					
cleanup work area					
<ul> <li>return tools to proper location</li> </ul>					
complete service documentation					
5. Prepare interior of vehicle for repair		<b>□</b> 1	<b>□</b> 1	<b>□</b> 1	<b>□</b> 1
obtain job equipment and materials					
follow safety and service procedures					
check automobile manufacturer's recom	mended procedure	3	3		∐3
clean interior surfaces	,				
<ul> <li>mask areas and parts adjacent to repair</li> </ul>	area				
cleanup work area					
return tools to proper location					
complete service documentation					
		l	l	l	

	Occupational Competencies		Rat	ing	
			Year 1 Ev	aluation	
		Minii	num Rati		ACH
	Competency and Rating Criteria		Check I		I
		Initial	Mid	Mid	Final
_			Year 1	Year 2	
6.	Apply anti-corrosion protection to surfaces	∐1	<b>□</b> 1	∐1	□ 1
	obtain job equipment and materials	□ 2	□ 2	□ 2	□ 2
	follow safety and service procedures	☐ 3	☐ 3	☐ 3	☐ 3
	prime surface area				
	apply topcoat and sealer				
	apply corrosion protection system to interior surfaces				
	apply corrosion protection system to exterior surfaces				
	apply corrosion protection system to joints and seams				
	cleanup work area				
	return tools to proper location				
_	complete service documentation				
7.	•	□ 1	<u> </u>	<b>□</b> 1	1
	obtain job equipment and materials	☐ 2	□ 2	☐ 2	2
	follow safety and service procedures	□ 3	☐ 3	□ 3	☐ 3
	remove necessary vehicle components				
	complete a water test for leak				
	adjust/repair source of water leak				
	assist determining the source of air leak (ride along with technician)				
	adjustment/repair air leak				
	retest water and/or air leaks				
	cleanup vehicle after repairs				
	cleanup work area				
	return tools to proper location				
	complete service documentation  Contribute to the plan of work				
8.	Contribute to the plan of work	<u></u>	<b>∐</b> 1	<u></u> ∐1	
	determine structural repair requirements	2	2	2	2
	determine suspension, mechanical and electrical repair requirements	<b>□</b> 3	<b>□</b> 3	<b>3</b>	3
	determine refinishing requirements				
	prepare a plan for work based on customer decision				
	collect information to determine parts and materials required				
	<ul> <li>locate vehicle and component identification numbers (make, model, year, VIN, vehicle certification labels, calibration decals)</li> </ul>				
	<ul> <li>identify vehicle options (including trim level, paint code, transmission,</li> </ul>				
	accessories, and modifications)				
	determine if OEM, aftermarket, recycled, or				
	remanufactured/rebuilt/reconditioned parts are appropriate				
	<ul> <li>verify required OEM, aftermarket, recycled/used, rebuilt, reconditioned</li> </ul>				
	parts and materials based on estimate				
	<ul> <li>verify availability, compatibility, and condition of parts and materials</li> </ul>				
	upon receipt				
	cleanup work area				
	return tools to proper location				
	complete service documentation				
<u> </u>	complete service accumentation		l		

Occupational Competencies	Rating			
	Year 1 Evaluation			
	Minimum Rating of 2 EACH		ACH	
Competency and Rating Criteria	Check Rating			
	Initial	Mid	Mid	Final
		Year 1	Year 2	
9. Prepare vehicle for final inspection	□ 1	□ 1	□ 1	□ 1
<ul> <li>obtain job equipment and materials</li> </ul>	<b>2</b>	<b>2</b>	☐ 2	□ 2
<ul> <li>follow safety and service procedures</li> </ul>	☐ 3	□ 3	□ 3	□ 3
<ul> <li>remove masking and protective items</li> </ul>				
wipe up leaks and dirt				
cleanup work area				
return tools to proper location				
complete service documentation				
Commenter of Collections (if you would need a commenter of the collection of the	1			
<b>Competency Substitute</b> (if you replaced a competency above, note the competency and rating)				
competency and rating)	□ 2	☐ <b>2</b>	☐ 2	<b>□ 2</b>
	□ 3	☐ 3	□ 3	□3
Comments:				

# YEAR 2 COMPETENCIES (TO BE COMPLETED BY YA EMPLOYER/MENTOR)

Enter rating for year the competency is demonstrated.

	Competency and Rating Criteria	Rating		ng	
	Competency and Rating Criteria	Initial	Mid	Mid	Final
	Competency and Nating Criteria	IIIItiai	Year 1	Year 2	Fillal
1.	Assist repair of damaged metal surfaces and parts	Year 1 Rating			,
	<ul> <li>obtain job equipment and materials</li> </ul>	□ 1	□ 1	□ 1	
	<ul> <li>follow safety and service procedures</li> </ul>	<b>□2</b>	<b>□</b> 2	□2	<b>□</b> 2
	prepare the surface				
	<ul> <li>select appropriate tools and equipment</li> </ul>				
	<ul> <li>rough straighten damaged metal panels</li> </ul>		Year 2 I	l Rating	
	<ul> <li>remove damaged body panels and components</li> </ul>				
	<ul> <li>remove fasteners</li> </ul>				
	<ul> <li>remove bolted, riveted, adhesive/bonded, and welded panels or panel assemblies</li> </ul>			☐ 2 ☐ 3	
	<ul> <li>determine the extent of damage to substrate body panels</li> </ul>				
	remove the door				
	remove the door     remove door panel				
	assess door alignment when open and closed				
	<ul> <li>inspect the striker plate</li> </ul>				
	<ul> <li>inspect the striker place</li> <li>inspect all of the bolts holding the door in place</li> </ul>				
	adjustment door if misaligned				
	cleanup work area				
	<ul> <li>return tools to proper location</li> </ul>				
	complete service documentation				
	Complete service documentation				
2.	Repair door locks and hinges		Year 1	Rating	ı
	obtain job equipment and materials	□1	<b>□</b> 1	1	<b>□1</b>
	follow safety and service procedures		☐ <b>2</b>		<u> </u>
	remove interior door components		☐3	□ <b>-</b> □ 3	
	disengage and re-engage electrical connector switch and lock				
	repair door lock components	<u> </u>	Year 2 I		
	<ul> <li>test operation of door lock assembly after repair or replacement</li> </ul>	<b>□1</b>	<b>□</b> 1	<b>□</b> 1	
	<ul> <li>inspect hood latch/lock</li> </ul>	<u> </u> 2	<u></u>	2	2
	<ul> <li>disconnect wires and hoses</li> </ul>	<b>□</b> 3	□ 3	3	
	replace cable				
	remove damaged hood				
	<ul> <li>install new hinges and hood</li> </ul>				
	<ul> <li>check panels for gaps for proper alignment</li> </ul>				
	cleanup work area				
	<ul> <li>return tools to proper location</li> </ul>				
	complete service documentation				

	Competency and Rating Criteria		Rati	ng	
	Competency and Rating Criteria	Initial	Mid	Mid	Final
3.	Repair fender and front/rear light components		Year 1 Year 1 F	Year 2	
3.	obtain job equipment and materials	<b>□</b> 1			<b>□1</b>
	follow safety and service procedures	☐ <u>1</u>		☐ <del>1</del>	
	let the hood down gently			□ ² □ 3	☐ 2 ☐ 3
	<ul> <li>inspect the fit and alignment of the hood with the fender or other panels</li> </ul>				
	mask undamaged area		Year 2 I		
	<ul> <li>pull the fender back toward the cowl or adjust the other panels as required</li> </ul>	☐ 1 ☐ 2	☐ 1 ☐ 2	□ 1 □ 2	☐ 1 ☐ 2
	<ul> <li>tighten or replace the mounting bolt(s)</li> </ul>	□ 3	□ 3	□ 3	☐ 3
	double check all panels for gaps for alignment				
	cleanup work area				
	<ul> <li>return tools to proper location</li> </ul>				
	complete service documentation				
4.	Weld metal parts		Year 1 F	Rating	
	obtain job equipment and materials	<b>□</b> 1	<b>1</b>	1	<b>□1</b>
	follow safety and service procedures				
	<ul> <li>identify the type of material for welding</li> </ul>				_ 
	clean metal				
	check automobile manufacturer's information regarding the welding		Year 2 I	Rating	
	process and equipment recommended	<b>□</b> 1	<b>□</b> 1	<b>□</b> 1	
	<ul><li>determine correct welding process</li><li>perform test welds and inspect</li></ul>	_ 2	_ 2	_ 2	_ 2
	follow proper welding technique	3	<b>3</b>	<b>□</b> 3	<b>3</b>
	<ul> <li>protect surrounding panels, glass, and interior</li> </ul>				
	protect computers and electronic components				
	<ul> <li>perform welding using appropriate type of weld joint</li> </ul>				
	<ul> <li>perform recommended procedure for type of weld</li> </ul>				
	<ul> <li>remove damaged structural steel and aluminum components, and weld</li> </ul>				
	in replacements				
	install welding/weld-bonded panels     ingreat weld for defeate.				
	<ul><li>inspect weld for defects</li><li>make necessary adjustments</li></ul>				
	cleanup work area				
	return tools to proper location				
	complete service documentation				

	Competency and Rating Criteria		Rati	ng	
	Competency and Rating Criteria	Initial	Mid	Mid	Final
		iiiitiai	Year 1	Year 2	Tillai
5.	Replace interior parts (seat cushions, seatbelts, carpeting, etc.)	Year 1 Rating			ı
	obtain job equipment and materials		□ 1	□ 1	
	follow safety and service procedures	☐ 2	□ 2	☐ 2	□ 2
	remove damaged area	☐ 3	□3	□ 3	☐ 3
	clean up area around damaged part				
	replace with new interior piece		Year 2 I	Rating	
	cleanup work area	<b>□</b> 1	□ 1	□ 1	□ 1
	return tools to proper location     complete service desumentation	<b>□</b> 2	<b>□</b> 2	<b>□</b> 2	<b>□2</b>
	complete service documentation	 □3	 □3	_ □3	_ 
6.	Assist the repair or replace movable glass components		Year 1 I	Rating	
	obtain job equipment and materials	□ 1	□ 1	□ 1	□ 1
	<ul> <li>follow safety and service procedures</li> </ul>	□2	□2	□2	<b>□2</b>
	<ul> <li>remove broken pieces of glass from the door panel</li> </ul>	 3			
	disconnect regulator				
	<ul> <li>unbolt the glass from the regulator</li> </ul>		Year 2 I	Rating	
	<ul> <li>remove the clips from the lifting arm bracket</li> </ul>	<b>□</b> 1			<b>□</b> 1
	<ul> <li>vacuum all broken glass from inside the door</li> </ul>				
	install the new glass				
	bolt new glass to the regulator	3	<b>□</b> 3	3	<b>□</b> 3
	align door glass				
	reattach weather stripping, trim, and door panel				
	test window functionality				
	cleanup work area				
	return tools to proper location				
	complete service documentation				
7.	Repair flexible exterior plastic parts		Year 1 I	Rating	
	determine repairability		□ 1	□ 1	□ 1
	obtain job equipment and materials	□ <b>2</b>	<b>□</b> 2	<b>□</b> 2	□ <b>2</b>
	<ul> <li>follow safety and service procedures</li> </ul>	 3	 3	 3	 
	<ul> <li>remove necessary vehicle components</li> </ul>				
	<ul> <li>select the appropriate type of repair method (adhesives or welding)</li> </ul>		Year 2 I	Rating	L
	<ul> <li>prepare surfaces of plastic parts</li> </ul>	<b>□</b> 1			<b>□</b> 1
	<ul> <li>remove repairable plastics and other parts recommended for off-</li> </ul>	☐ <b>2</b>	☐ <b>2</b>	☐ <b>2</b>	
	vehicle repair				=
	mix the repair adhesives	∐3	3	3	
	remove excess adhesives or weld material				
	apply filler as necessary				
	retexture plastics to restore original texture				
	cleanup work area     return tools to proper lesstion				
	return tools to proper location				
	complete service documentation				
<u> </u>					

	Competency and Rating Criteria		Rati	ng	
	Competency and Rating Criteria	Initial	Mid	Mid	Final
_			Year 1	Year 2	
8.	Replace damaged exterior electrical components		Year 1 F		
	obtain job equipment and materials	□ 1	□ 1	∐1	∐ 1
	follow safety and service procedures	□ 2	☐ 2	□ 2	□ 2
	replace/repair light assemblies	☐ 3	☐ 3	☐ 3	☐ 3
	replace/repair pigtail connector				
	verify components are functioning properly after repair/replacement     identify allowed to for a pagin by an about of the property after repair/replacement		Year 2 I	Rating	
	identify elements for repair by mechanical shop	□ 1	□ 1	□ 1	□ 1
	cleanup work area	☐ <b>2</b>	2	2	2
	return tools to proper location	 3	 □3	 3	 
	complete service documentation				
9.	Assess structural damage		Year 1	Rating	
	obtain job equipment and materials	□ 1	□ 1	□ 1	
	<ul> <li>follow safety and service procedures</li> </ul>	□ 2	□ 2	□ 2	□ 2
	<ul> <li>determine direction and point(s) of impact</li> </ul>	_ 3	_   3	_   3	_ 
	<ul> <li>check alignment of doors, hood, and deck lid</li> </ul>				
	<ul> <li>check for gaps between panels</li> </ul>		Year 2 F	Rating	
	<ul> <li>verify opening and closing of doors, hood, and deck lid</li> </ul>	<b>□</b> 1	1		<b>□</b> 1
	<ul> <li>check door handles and door locks for proper operation</li> </ul>	☐ <del>1</del>	□ <del>1</del> □ 2	□ <del>1</del> □ 2	
	• inspect for ripples in roof, fenders, or quarter panels away from direct				
	impact	<b>□</b> 3	∐ 3	∐ 3	
	check seam sealers				
	check glass and operation of windows				
	check damage to interior				
	measure common structural damage points				
	cleanup work area				
	return tools to proper location				
	complete service documentation				
10	. Assess mechanical damage		Year 1 F	Rating	
	obtain job equipment and materials	□ 1	□ 1	1	<b>1</b>
	<ul> <li>follow safety and service procedures</li> </ul>	 2	 2	 2	_ 2
	<ul> <li>inspect parts in the engine compartment for damage</li> </ul>	 ☐ 3	□ -	□ -	□ 3
	identify mechanical problems				
	diagnose required mechanical repairs		Year 2 I	Pating	
	<ul> <li>plan for mechanical component repairs</li> </ul>		Teal 2   		<b>□</b> 1
	cleanup work area			∐ <b>1</b>	
	<ul> <li>return tools to proper location</li> </ul>	<u></u>	<b>□</b> 2	<u></u>	
	complete service documentation	∐ 3	∐ 3	∐ 3	

Competency and Rating Criteria		Rati	ng	
Competency and Rating Criteria	Initial	Mid	Mid	Final
	IIIItiai	Year 1	Year 2	Fillal
11. Assess electrical damage	Year 1 Rating			1
obtain job equipment and materials	□ 1	□ 1	□ 1	
follow safety and service procedures	☐ 2	□ 2	□ 2	□ 2
identify electrical problems	□3	<b>□</b> 3	<b>□</b> 3	<b>□3</b>
diagnose required electrical repairs				
plan for electrical component repairs		Year 2 F	Rating	1
cleanup work area	<b>□1</b>	<b>□</b> 1		<b>□</b> 1
return tools to proper location	☐ <b>2</b>			
complete service documentation		<u> </u> 2	<u></u>	
	∐3		3	
12. Assess suspension damage		Year 1 F	Rating	
obtain job equipment and materials	<b>□1</b>	<b>1</b>	1	<b>□</b> 1
follow safety and service procedures	□ <u>-</u>	☐ 2		
check wheels and tires				
check for fluid leaks under the vehicle	<b>□</b> 3		3	
inspect parts in the engine compartment for damage			_	
perform a steering wheel center check		Year 2 I		ı <u> </u>
perform a jounce/rebound steering gear check	<b>∐</b> 1	<b>□</b> 1	<b>□</b> 1	<b>□1</b>
perform a strut position check	☐ 2	□ 2	☐ 2	□ 2
perform a wheel run-out check	☐ 3	□ 3	□ 3	□ 3
plan for suspension component repairs				
cleanup work area				
return tools to proper location				
complete service documentation				
13. Assess finish damage		Year 1	Rating	•
obtain job equipment and materials	<b>□</b> 1	<b>□</b> 1	<b>□</b> 1	<b>□</b> 1
follow safety and service procedures				
identify type of finish	□ -		☐3	☐3
assess condition of finish				
<ul> <li>determine areas needing refinishing</li> </ul>		Year 2 I	Pating	
cleanup work area				
return tools to proper location	<b>∐</b> 1			
complete service documentation	<u></u>	<u></u>	<u> </u>	<u></u>
	3	3	3	
14. Prepare area for painting		Year 1 F	Rating	I
obtain job equipment and materials	□ 1	□ 1	□ 1	□ 1
follow safety and service procedures	☐ 2	□ 2	□ 2	□ 2
mask areas for protection	□3	□3	□3	П3
remove old paint				
sand area to be painted/refinished		Year 2 I	Rating	1
strip finish and protective coatings	<b>□</b> 1			<b>□</b> 1
remove dust, lint, and residue	_			=
cleanup work area	<u> </u>			
return tools to proper location	□ 3		<b>3</b>	<b>3</b>
complete service documentation				

Competency and Rating Criteria	Rating			
	Initial	Mid	Mid	Final
Competency and Rating Criteria	initiai	Year 1	Year 2	Finai
15. Color sand and buff finished surfaces	Year 1 Rating			
obtain job equipment and materials	□ 1	□ 1	□ 1	□ 1
follow safety and service procedures	2	2	2	2
<ul> <li>inspect the finished surface for any imperfections</li> </ul>				
<ul> <li>determine if any contamination or painting errors exist</li> </ul>				
determine cause of condition		Year 2 I	Pating	
correct imperfections				
apply polish to vehicle	<u> </u> 1	<u></u>	<b>□</b> 1	
buff polish evenly using polisher	<b>2</b>	<b>∐</b> 2	<b>□</b> 2	<u></u>
clean area	<b>3</b>	<b>3</b>	<b>□</b> 3	<b>3</b>
perform final wash, removing all residue				
cleanup work area				
return tools to proper location				
complete service documentation				
·				
16. Apply undercoating		Year 1	Rating	
obtain job equipment and materials	□ 1	□ 1	□ 1	□ 1
follow safety and service procedures	_ 2	_ □2	_ 2	_ 
select appropriate material	<u> </u>		<u> </u>	
select appropriate solvent				
apply metal substrate conditioner		V 2 I	204100	
apply appropriate number of layers		Year 2 I		
remove imperfections	1	<b>□</b> 1	<u></u> 1	<b>□</b> 1
cleanup work area	<b>□</b> 2	<b>□</b> 2	2	2
return tools to proper location	☐ 3	☐ 3	□ 3	☐ 3
complete service documentation				
17. Prepare paint and equipment		Year 1	Rating	
obtain job equipment and materials	□ 1	□ 1	□ 1	□ 1
follow safety and service procedures	□2	□2	□2	□2
clean area of dirt and dust		 □3		_ □3
check emergency equipment				
determine color and type of paint		Year 2 I	Pating	
mix paint				
check color match	<b>□ 1</b>	☐ 1	<u> </u> 1	
<ul> <li>verify spray guns are in working order</li> </ul>	<u> </u>	<u></u>	<u></u>	<u> </u>
adjust air pressure	<b>□</b> 3	☐ 3	□ 3	☐ 3
select spray knob pattern				
adjust fluid control for paint				
cleanup work area				
return tools to proper location				
complete service documentation				

Competency and Rating Criteria		Rati	ng	
Competency and Rating Criteria	Initial	Mid Year 1	Mid Year 2	Final
18. Apply paint on test panel or spray sheet	Year 1 Rating			
<ul> <li>obtain job equipment and materials</li> </ul>	□ 1	<b>□</b> 1	□ 1	□ 1
<ul> <li>follow safety and service procedures</li> </ul>	2	2	2	2
<ul> <li>obtain a test panel or let-down panel</li> </ul>			□ -	□ -
<ul> <li>apply primer(s) matching the primer(s) on the vehicle</li> </ul>	🗀 🤊	🗀 🤊	<b>J</b> _	
apply basecoat to full hiding		Year 2 F	Pating	
apply clearcoat				
<ul> <li>apply increasing coats of midcoat color in each section</li> </ul>			☐ <b>1</b>	
<ul> <li>allow to dry completely</li> </ul>	2	□ 2	<b>□</b> 2	□ 2
cleanup work area	□ 3	□ 3	☐ 3	☐ 3
<ul> <li>return tools to proper location</li> </ul>			ļ	
complete service documentation			ļ	
·				
Competency Substitute (if you replaced a competency above, note the		Year 1 F	lating	
competency and rating)	□ 1	□ 1	□ 1	□ 1
	□ 2	□ 2	□ 2	□2
	3	_   3	3	_   3
		Year 2 F	Rating	
	<b>□1</b>	<b>□</b> 1	1	<b>□</b> 1
	☐ <b>2</b>			
		☐ 2 ☐ 3		☐ <b>2</b>
	<b>□</b> 3	🗆 🌣	□ 3	<b>3</b>
Comments:				

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