# **Automotive Technician**



Youth Apprenticeship

#### **AUTOMOTIVE TECHNICIAN**

Automotive Technician youth apprentices gain skills related to the preventative maintenance and repair of automobiles and light trucks. Youth apprentices are emersed in the evolving automotive technology and integrated systems. 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 9 occupational competencies must be learned for this occupation. **Year 2**: An additional 9 occupational 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.

#### REGISTERED APPRENTICESHIP BRIDGING OPPORTUNITIES

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

• Automotive Registered Apprenticeship (under development in 2022)

#### POST-SECONDARY PATHWAY OPPORTUNITIES

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

- Automotive and Light Duty Truck Technician
- Automotive Maintenance Technician



# **AUTOMOTIVE TECHNICIAN**

Youth Apprenticeship

# ON-THE-JOB LEARNING PERFORMANCE STANDARDS GUIDE

#### YOUTH APPRENTICE INFORMATION

100111 ATT RENTICE INTORNATION	
Youth Apprentice Name	
YA Coordinator	
YA Consortium	
School District	
SIGNATURES	
The On-the-Job Learning Performance Standar	ds Guide includes a list of competencies youth
apprentices learn through mentoring and train	
Instructions for the Worksite Employers/Mento	ors and School-Based or YA coordinators: This document
	r, school-based or YA coordinator on a regular basis with
the youth apprentice to record progress and pl	lan future steps to ensure completion of the required
competencies. Mentors, school-based/YA coor	·
•	, , ,
	<u>oloyer/Mentor</u>
1 <sup>st</sup> Evaluation (Required)	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	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

Employability Skills		Rati	ng	
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>2. Communicates effectively with others</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	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			
7.	<ul> <li>Provides quality goods or services (internal and external)</li> <li>Examples of qualities and habits that the employee might exhibit include</li> <li>Shows support for the organizational goals and principles by own personal actions</li> <li>Displays a respectful and professional image to customers</li> <li>Displays an enthusiastic attitude and desire to take care of customer needs</li> <li>Seeks out ways to increase customer satisfaction</li> <li>Produces goods to workplace specifications</li> </ul>	☐ 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

<b>Employability Skills</b>		Rating			
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</li> <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>	☐ 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</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 9 competencies, 8 must be from the list below. Year 2: A total of 9 competencies, 8 must be from the list below. Employers can substitute up to one competency per year with another occupationally appropriate skill. That skill should be added to the competency list for assessment. 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		Rati	ing	
Competency and Rating Criteria		Year 1 Evaluation Minimum Rating of 2 EACH Check Rating		
	Initial	Mid Year 1	Mid Year 2	Final
<ul> <li>Operate tools and equipment safely         <ul> <li>operate only equipment trained on</li> <li>choose correct tool or equipment for the task</li> <li>verify tool/equipment is available for use and in working order</li> <li>verify tool/equipment is current for preventative maintenance and/or calibration</li> <li>verify safety equipment</li> <li>wear proper Personal Protective Equipment (PPE)</li> <li>use tool/equipment guarding devices</li> <li>monitor tool/equipment for safe operation</li> <li>follow clean-up procedures</li> <li>report abnormal tool/equipment conditions promptly</li> <li>shut down and label tool/equipment not operating as expected</li> <li>complete service documentation</li> </ul> </li> </ul>	□ 1 □ 2 □ 3	□ 1 □ 2 □ 3	□ 1 □ 2 □ 3	□ 1 □ 2 □ 3
<ul> <li>Maintain a clean and organized work area</li> <li>maintain shop manuals and/or electronic retrieval systems</li> <li>organize tools</li> <li>return tools to proper location</li> <li>clean work area</li> <li>process old parts properly</li> <li>follow manufacturer warranty requirements</li> <li>handle hazardous materials properly</li> </ul>	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3	□ 1 □ 2 □ 3	☐ 1 ☐ 2 ☐ 3

Occupational Competencies		Ra	ting	
Competency and Rating Criteria	,	Year 1 Evaluation Minimum Rating of 2 EACH Check Rating		ACH
	Ini	tial   Mid Year 1	Mid Year 2	Final
<ul> <li>Process work order</li> <li>verify customer complaint/concern</li> <li>obtain customer information, vehicle identifying (vin numb information, customer concern, and related service history</li> <li>document customer complaint/concern information on report verifying preexisting vehicle conditions (dents, service light)</li> <li>obtain customer signature(s)</li> <li>handle complaints tactfully without insult or conflict</li> <li>protect vehicle interior for service</li> <li>follow work order process flow</li> <li>follow 3C's (Complaint, Cause, Correction) process</li> </ul>	pair order	]1	□1 □2 □3	□1 □2 □3
4. Change oil and filter  obtain job equipment and materials follow safety and service procedures place oil container under drain spot remove drain plug drain engine oil take oil sample for condition testing clean plug torque drain plug to specification replace oil filter refill to recommended amount run engine and check for leaks perform oil life monitoring system reset procedure inspect air and exhaust system remove old or damaged air filters replace air system components cleanup work area return tools to proper location complete service documentation		]1		

Occupational Competencies		Rat	ing	
Competency and Rating Criteria	Year 1 Evaluation Minimum Rating of 2 EACH Check Rating		АСН	
, , ,	Initial	Mid Year 1	Mid Year 2	Final
<ul> <li>Assist with the diagnosis of concern or issue</li> <li>obtain job equipment and materials</li> <li>follow safety and service procedures</li> <li>determine appropriate inspections and test(s) to perform based on customer concern</li> <li>retrieve shop manuals and/or electronic retrieval systems</li> <li>research applicable vehicle and service information, normal system operation specifications, vehicle service history, service precautions, and applicable technical service bulletins</li> <li>complete diagnostic tests necessary to identify cause of customer concern</li> <li>obtain approval for additional diagnostic procedures</li> <li>cleanup work area</li> <li>return tools to proper location</li> <li>complete service documentation</li> </ul>	□ 1	□ 1	□ 1	□ 1
	□ 2	□ 2	□ 2	□ 2
	□ 3	□ 3	□ 3	□ 3
<ul> <li>6. Identify vehicle parts</li> <li>collect information to determine part required</li> <li>locate vehicle and component identification numbers</li> <li>look-up part price</li> <li>verify part availability</li> <li>verify correct part upon receipt</li> </ul>	☐ 1	☐ 1	☐ 1	☐ 1
	☐ 2	☐ 2	☐ 2	☐ 2
	☐ 3	☐ 3	☐ 3	☐ 3
<ul> <li>7. Rotate tires</li> <li>obtain job equipment and materials</li> <li>follow safety and service procedures</li> <li>verify tire rotation and torque specs recommended by the manufacturer</li> <li>position vehicle for service</li> <li>inspect each tire for wear</li> <li>inspect brake pads for wear</li> <li>torque lug nuts (hand torque)</li> <li>adjust tire pressure</li> <li>perform tire pressure monitoring system reset procedure (TPMS)</li> <li>cleanup work area</li> <li>return tools to proper location</li> <li>complete service documentation</li> </ul>	□ 1	☐ 1	☐ 1	☐ 1
	□ 2	☐ 2	☐ 2	☐ 2
	□ 3	☐ 3	☐ 3	☐ 3

	Occupational Competencies		Rat	ing	
			Year 1 Ev		
	Commetency and Dating Critoria	Minimum Rating of 2 EAC Check Rating		ACH	
	Competency and Rating Criteria		Mid	Mid	
		Initial	Year 1	Year 2	Final
8.	Service a 12V battery	<b>□1</b>	<b>1</b>	<b>1</b>	<b>1</b>
	<ul> <li>obtain job equipment and materials</li> </ul>			 2	2
	identify battery type				3
	<ul> <li>follow safety and service procedures for battery type</li> </ul>				
	inspect battery				
	<ul> <li>use battery memory/maintainer saver device</li> </ul>				
	<ul> <li>perform battery capacity test</li> </ul>				
	<ul> <li>perform battery charge</li> </ul>				
	replace battery				
	perform battery monitor reset				
	dispose of old battery				
	clean up work area				
	return tools to proper location				
	<ul> <li>complete service documentation</li> </ul>				
9.	Perform a multipoint vehicle inspection	<b>□</b> 1	<b>□</b> 1	1	<b>□</b> 1
	obtain job equipment and materials	☐ <b>2</b>	□ - □ 2	□ - □ 2	 
	<ul> <li>follow safety and service procedures</li> </ul>		□ <b>-</b> □ 3	□ <b>-</b>	□ -
	<ul> <li>use correct measuring devices for inspection</li> </ul>				
	<ul> <li>verify preexisting vehicle conditions (dents, service lights, etc.)</li> </ul>				
	<ul> <li>check operation of exterior lights</li> </ul>				
	<ul> <li>check operation of interior lights</li> </ul>				
	inspect windshield and mirrors				
	inspect steering and suspension systems				
	inspect oil condition     inspect tire and tire processes.				
	<ul><li>inspect tire condition and air pressure</li><li>inspect brake system</li></ul>				
	inspect brake system     inspect exhaust system				
	check fluid levels and condition				
	<ul> <li>use industry-accepted wording to describe vehicle condition</li> </ul>				
	• clean up work area				
	return tools to proper location				
	complete service documentation				

Occupational Competencies		Rati		
	,	Year 1 Ev	aluation	
	Minir	mum Rati	ing of 2 E	ACH
Competency and Rating Criteria	Check Rating			
	Initial	Mid	Mid	Final
	IIIILIAI	Year 1	Year 2	rillai
Competency Substitute (if you replaced a competency above, note the	□ 1	□ 1	□ 1	□ 1
competency and rating)	_ 2	2	_ 2	_ 2
	3	3	3	□ 3
		🗀 🤊		
Comments:				

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

Enter rating for year the competency is demonstrated.

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	Exceeds Expectations: Exceeds entry-level criteria; requires minimal supervision; consistently displays this behavior

	Occupational Competencies		Rati	ing		
		,	Year 2 Ev	aluation		
			Minimum Rating of 2 EACH			
	Competency and Rating Criteria	Check Rating				
		Initial	Mid	Mid	Final	
		IIIItiai	Year 1	Year 2	Fillal	
1.	Perform preventative maintenance on cooling systems	□ 1	□ 1	□ 1	□ 1	
	<ul> <li>obtain job equipment and materials</li> </ul>	<b>□</b> 2	<b>□2</b>	□2	□2	
	<ul> <li>follow safety and service procedures</li> </ul>	 3	 	 □3	 □3	
	<ul> <li>position vehicle for service</li> </ul>					
	<ul> <li>perform visual inspection for leaks</li> </ul>					
	<ul> <li>pressure test system</li> </ul>					
	<ul> <li>check system for contamination and correct coolant</li> </ul>					
	test freeze point/freeze protection					
	flush cooling system					
	check cooling system fan operation					
	check condition of hoses					
	dispose of old fluids/materials					
	clean up work area					
	return tools to proper location					
	complete service documentation					
2.	Inspect transmission and transaxle performance	<b>□</b> 1	<b>□</b> 1	<b>□1</b>	<b>□</b> 1	
	obtain job equipment and materials			☐ <b>2</b>		
	follow safety and service procedures	_				
	position vehicle for service	3	<b>3</b>	□ 3	<b>□</b> 3	
	inspect for fluid leaks					
	<ul> <li>inspect hoses, belts, and components</li> </ul>					
	check transmission fluid level and condition					
	change filter and fluid					
	flush transmission fluid					
	<ul> <li>dispose of old fluids/materials</li> </ul>					
	clean up work area					
	return tools to proper location					
	<ul> <li>complete service documentation</li> </ul>					

	Occupational Competencies		Rat	ing	
			Year 2 Ev		
	Commetency and Dating Critoria	Minimum Rating of 2 EACI Check Rating		ACH	
	Competency and Rating Criteria		Mid	Mid	
		Initial	Year 1	Year 2	Final
3.	Perform preventative maintenance of Drivetrain	<b>□1</b>	<b>□1</b>	<b>□1</b>	<b>□1</b>
	<ul> <li>obtain job equipment and materials</li> </ul>	 2	 2	 2	 2
	<ul> <li>follow safety and service procedures</li> </ul>				 3
	<ul> <li>position vehicle for service</li> </ul>				
	<ul> <li>determine manufacturer's maintenance schedule/recommendation</li> </ul>				
	<ul> <li>perform visual inspection of drivetrain system</li> </ul>				
	change powertrain fluids				
	remove or replace driveshaft/u-joints				
	inspect differential/axles condition				
	inspect drive motors/transfer case/gearbox				
	perform final inspection of drivetrain system				
	clean up work area     return tools to proper location				
	<ul><li>return tools to proper location</li><li>complete service documentation</li></ul>				
	• complete service documentation				
4.	Perform preventative maintenance on steering and suspension	<b>□</b> 1	<b>□</b> 1	<b>□</b> 1	<b>□</b> 1
	obtain job equipment and materials	☐ <del>-</del>	☐ <del>-</del>	☐ <del>-</del>	□ <b>-</b>
	<ul> <li>follow safety and service procedures</li> </ul>	□ 3		□ <b>-</b>	□ -
	<ul> <li>position vehicle for service</li> </ul>				
	<ul> <li>inspect power steering fluid level and condition</li> </ul>				
	<ul> <li>flush power steering system</li> </ul>				
	inspect power steering system for fluid leaks				
	lubricate suspension and steering systems				
	<ul> <li>inspect steering and suspension components to meet manufacturer's specifications</li> </ul>				
	inspect tire condition and wear				
	identify parts in need of replacement				
	remove worn or damaged parts				
	recommend corrective action				
	<ul> <li>replace worn or damaged parts</li> </ul>				
	<ul> <li>check alignment</li> </ul>				
	<ul> <li>assist with performing correct alignment procedures</li> </ul>				
	clean up work area				
	return tools to proper location				
	<ul> <li>complete service documentation</li> </ul>				

Occupational Competencies	Rating
Competency and Rating Criteria	Year 2 Evaluation Minimum Rating of 2 EACH Check Rating
	Initial Mid Mid Final
<ul> <li>Perform preventative maintenance on fuel systems</li> <li>obtain job equipment and materials</li> <li>follow safety and service procedures</li> <li>position vehicle for service</li> <li>perform fuel system inspection</li> <li>identify parts in need of replacement</li> <li>replace fuel filters</li> <li>assist with fuel system cleaning</li> <li>recommend corrective action</li> <li>clean up work area</li> <li>return tools to proper location</li> <li>complete service documentation</li> </ul>	
<ul> <li>6. Perform preventative maintenance on vehicle brakes</li> <li>obtain job equipment and materials</li> <li>follow safety and service procedures</li> <li>position vehicle for service</li> <li>inspect brake system for leaks and issues</li> <li>bleed/flush brake system</li> <li>measure brake pedal height, travel, and free play</li> <li>measure brake drum diameter/rotors thickness to manuf specifications</li> <li>assist with replacement of brake systems</li> <li>inspect/clean/service calipers, slides, and pins</li> <li>assist replacement of pads and brake hardware</li> <li>complete final brake performance test</li> <li>clean up work area</li> <li>return tools to proper location</li> <li>complete service documentation</li> </ul>	1
<ul> <li>7. Perform preventative maintenance on lighting systems</li> <li>obtain job equipment and materials</li> <li>follow safety and service procedures</li> <li>position vehicle for service</li> <li>perform test of lights</li> <li>inspect connectors, cables, and holders</li> <li>replacement of bulbs and headlights</li> <li>test replaced bulbs and headlights</li> <li>clean up work area</li> <li>return tools to proper location</li> <li>complete service documentation</li> </ul>	1       1       1       1         2       2       2       2         3       3       3       3

Occupational Competencies		Rati	_	
		Year 2 Ev		
	Minir		ing of 2 E	ACH
Competency and Rating Criteria		Check F		
	Initial	Mid	Mid	Final
		Year 1	Year 2	<u> </u>
8. Run tests on cylinder head and valve train systems	□ 1	<b>□</b> 1	<b>□</b> 1	<b>∐</b> 1
obtain job equipment and materials	□ 2	□ 2	□ 2	□ 2
follow safety and service procedures	□ 3	□ 3	□ 3	☐ 3
position vehicle for service	ļ			
run a compression test	ļ			
run a leak down test	ļ			
report test results	ļ			
clean up work area	ļ			
return tools to proper location	ļ			
complete service documentation				
9. Perform preventative maintenance on heating, ventilation, and air	<b>□</b> 1	<b>□</b> 1	<b>□</b> 1	<b>□</b> 1
conditioning (HVAC) systems				
obtain job equipment and materials		<u> </u>	<u> </u>	
follow safety and service procedures	3	3	3	3
<ul> <li>position vehicle for service</li> </ul>				
<ul> <li>inspect cooling and heating system hoses, ducts, doors, and filters</li> </ul>				
replace cabin filter				
<ul> <li>assist with HVAC performance test using O.E.M. specifications</li> </ul>	ļ			
assist replacement of failed system components	ļ			
assist with flush of ac systems	ļ			
<ul> <li>handle hazardous wastes properly</li> </ul>				
clean up work area	ļ			
<ul> <li>return tools to proper location</li> </ul>				
complete service documentation				
Competency Substitute (if you replaced a competency above, note the	□ 1	□ 1	□ 1	□ 1
competency and rating)	□ 2	□ 2	□ 2	☐ 2
	□3	□ 3	□ 3	□3
Comments:				

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