

Evaluation Rubric Braking Systems

Diagnose and troubleshoot hydraulic braking systems and components, including: drums, callipers, rotors, friction materials, backing plates, routing of hoses and lines, valves, master and wheel cylinders, fluids, boosters, wheel speed sensors, warning displays, and fastening and mounting devices; by: visually inspecting, testing, and analysing performance and function; checking for wear, vibration/noise, corrosion, colour, fluid level/condition, leaks, using: hand, power, specialized, and electronic service tools, and lifting devices; according to manufacture’s recommendations, specifications, and safety requirements.

<i>Expectation</i>	<i>“R” (0 - 4)</i>	<i>Level 1 (5)</i>	<i>Level 2 (6)</i>	<i>Level 3 (7 - 8)</i>	<i>Level 4 (9 - 10)</i>
<i>Demonstrates proper set and procedures of all equipment and safety procedures</i>	<i>Did not complete job/project or did it quite poorly</i>	<i>Completes procedures correctly with the direct assistance of the instructor</i>	<i>Completes procedure with some assistance of the instructor</i>	<i>Completes the procedure correctly with no help from the instructor</i>	<i>With no assistance from the instructor completes the assignment correctly, and assist others to complete their work</i>
<i>Check Brake Rotors For Warp</i>	<i>Did not complete job/project or did it quite poorly</i>	<i>Completes procedures correctly with the direct assistance of the instructor</i>	<i>Completes procedure with some assistance of the instructor</i>	<i>Completes the procedure correctly with no help from the instructor</i>	<i>With no assistance from the instructor completes the assignment correctly, and assist others to complete their work</i>
<i>Check the Thickness and Paralellism of Brake Rotors</i>	<i>Did not complete job/project or did it quite poorly</i>	<i>Completes procedures correctly with the direct assistance of the instructor</i>	<i>Completes procedure with some assistance of the instructor</i>	<i>Completes the procedure correctly with no help from the instructor</i>	<i>With no assistance from the instructor completes the assignment correctly, and assist others to complete their work</i>
<i>Measure Brake Drum Diameter</i>	<i>Did not complete job/project or did it quite poorly</i>	<i>Completes procedures correctly with the direct assistance of the instructor</i>	<i>Completes procedure with some assistance of the instructor</i>	<i>Completes the procedure correctly with no help from the instructor</i>	<i>With no assistance from the instructor completes the assignment correctly, and assist others to complete their work</i>
<i>Testing Brake Calipers</i>	<i>Did not complete job/project or did it quite poorly</i>	<i>Completes procedures correctly with the direct assistance of the instructor</i>	<i>Completes procedure with some assistance of the instructor</i>	<i>Completes the procedure correctly with no help from the instructor</i>	<i>With no assistance from the instructor completes the assignment correctly, and assist others to complete their work</i>
<i>Testing Wheel Cylinders</i>	<i>Did not complete job/project or did it quite poorly</i>	<i>Completes procedures correctly with the direct assistance of the instructor</i>	<i>Completes procedure with some assistance of the instructor</i>	<i>Completes the procedure correctly with no help from the instructor</i>	<i>With no assistance from the instructor completes the assignment correctly, and assist others to complete their work</i>
<i>Testing a Vacuum Brake Booster</i>	<i>Did not complete job/project or did it quite poorly</i>	<i>Completes procedures correctly with the direct assistance of the instructor</i>	<i>Completes procedure with some assistance of the instructor</i>	<i>Completes the procedure correctly with no help from the instructor</i>	<i>With no assistance from the instructor completes the assignment correctly, and assist others to complete their work</i>
<i>Remove & Replace Brake Shoes</i>	<i>Did not complete job/project or did it quite poorly</i>	<i>Completes procedures correctly with the direct assistance of the instructor</i>	<i>Completes procedure with some assistance of the instructor</i>	<i>Completes the procedure correctly with no help from the instructor</i>	<i>With no assistance from the instructor completes the assignment correctly, and assist others to complete their work</i>
<i>Make a Brake Line With One ISO Flare and One Double Flare</i>	<i>Did not complete job/project or did it quite poorly</i>	<i>Completes procedures correctly with the direct assistance of the instructor</i>	<i>Completes procedure with some assistance of the instructor</i>	<i>Completes the procedure correctly with no help from the instructor</i>	<i>With no assistance from the instructor completes the assignment correctly, and assist others to complete their work</i>