



Diagnose ABS System Concerns

Meets NATEF Task: (A5-G-4) Diagnose ABS operational concerns; determine necessary action. (P-2)

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

_____ 1. **Poor stopping** – Check the following system or components.

A. Tires – condition and sizes **OK** _____ **NOT OK** _____

B. Base brake components such as calipers, pads, and drive brake components

OK _____ **NOT OK** _____

_____ 2. **Abnormal pedal feel or pulsation** – Check the following components.

A. Wheel speed sensor tone ring or wiring for damage.

OK _____ **NOT OK** _____

B. Brake rotors and drum for out-of-round or other faults

OK _____ **NOT OK** _____

C. Master cylinder and brake fluid for level or contaminants

OK _____ **NOT OK** _____

_____ 3. **Wheel lockup** – Check the following components.

A. Base brake friction material (pads and linings) for grease, excessive wear or contamination.

OK _____ **NOT OK** _____

B. Wheel speed sensor tone ring for damage

OK _____ **NOT OK** _____

C. Excessively worn or mismatched tires

OK _____ **NOT OK** _____

_____ 4. **Abnormal noise** – Check the following components.

A. Accumulator leakage creating the need for extended pump operation

OK _____ **NOT OK** _____

B. Base brakes for excessive wear or defective friction components

OK _____ **NOT OK** _____

_____ 5. Based on the diagnosis, what is the necessary action? _____