

**► TASK** Measure wheel, tire, axle flange, and hub runout; determine needed action.

**MAST**  
4F4

Time off	_____
Time on	_____
Total time	_____

**CDX Tasksheet Number: C701**

**Vehicle used for this activity:**

Year \_\_\_\_\_ Make \_\_\_\_\_ Model \_\_\_\_\_

Odometer \_\_\_\_\_ VIN \_\_\_\_\_

**1. List the customer concern; if applicable:**

**2. Research the procedure for measuring tire, wheel, and hub runout in the appropriate service information. List the following specifications:**

- a. Tire pressure: \_\_\_\_\_ psi/kPa
- b. Tire designation: \_\_\_\_\_
- c. Maximum tire runout: \_\_\_\_\_ in/mm
- d. Maximum wheel runout: \_\_\_\_\_ in/mm
- e. Maximum axle flange/hub runout: \_\_\_\_\_ in/mm

**3. Check and adjust the tire pressures according to specifications.**

**4. Inspect each tire and list its designation:**

- a. LF tire: \_\_\_\_\_
- b. RF tire: \_\_\_\_\_
- c. RR tire: \_\_\_\_\_
- d. LR tire: \_\_\_\_\_
- e. Does each tire meet the manufacturer's recommendations?  
Yes: \_\_\_\_\_ No: \_\_\_\_\_

**5. Properly raise the front of the vehicle and support it securely.**

**6. Following the manufacturer's procedure, measure runout of the following:**

- a. LF tire: \_\_\_\_\_ in/mm
- b. RF tire: \_\_\_\_\_ in/mm
- c. LF wheel: \_\_\_\_\_ in/mm
- d. RF wheel: \_\_\_\_\_ in/mm
- e. LF hub: \_\_\_\_\_ in/mm
- f. RF hub: \_\_\_\_\_ in/mm

**7. Determine any necessary action(s):**

8. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

**Performance Rating**

**CDX Tasksheet Number: C701**

**0**

**1**

**2**

**3**

**4**

Supervisor/instructor signature \_\_\_\_\_ Date \_\_\_\_\_