

**► TASK** Identify concerns related to variations in tire circumference and/or final drive ratios.

**MAST**  
3F4

Time off \_\_\_\_\_  
Time on \_\_\_\_\_  
Total time \_\_\_\_\_

**CDX Tasksheet Number: C613**

1. Research the effects of variations in tire circumference and final drive ratios on the operation of a four-wheel drive/all-wheel drive vehicle in the appropriate service information.
2. What would the customer concern be for a four-wheel drive/all-wheel drive vehicle equipped with different size tires?
3. What would the customer concern be for a vehicle equipped with different final drive ratios?
4. Set the tire pressure to the specified pressure. Measure the tire circumference for each tire and list below:
  - a. Left front tire circumference: \_\_\_\_\_ in/mm
  - b. Right front tire circumference: \_\_\_\_\_ in/mm
  - c. Right rear tire circumference: \_\_\_\_\_ in/mm
  - d. Left rear tire circumference: \_\_\_\_\_ in/mm
5. How much difference in circumference is generally allowable? \_\_\_\_\_ in/mm
6. Determine the final drive ratios for each axle assembly:
  - a. Rear axle ratio: \_\_\_\_\_
  - b. Front axle ratio: \_\_\_\_\_
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: C613**

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