

# Install Wheel and Torque Lug Nuts

Meets ASE Task: A5 – A-5 – P-1

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Time on Task: \_\_\_\_\_

Make/Model/Year: \_\_\_\_\_ VIN: \_\_\_\_\_

Evaluation (Enter number from 4, 3, 2, 1) : \_\_\_\_\_

- ☐ 1. Check service information and determine the vehicle manufacturer's specified lug nut torque specification.  
\_\_\_\_\_
- ☐ 2. Use a hand-operated wire brush on the wheel studs to ensure clean and dry threads and check for damage.  
OK ☐ \_\_\_\_\_ NOT OK ☐ \_\_\_\_\_ Describe fault: \_\_\_\_\_
- ☐ 3. Verify that the lug nuts are OK and free of defects.
- ☐ 4. Install the wheel over the studs and start all lug nuts (or bolts) by hand.
- ☐ 5. Tighten the lug nuts a little at a time in a star pattern using an air impact wrench equipped with the proper torque limiting adapter or a torque wrench.
  - ☐ \_\_\_\_\_ Used a torque wrench.
  - ☐ \_\_\_\_\_ Used an air impact with a torque limiting adapter (torque stick)
- ☐ 6. Tighten the lug nuts to final torque in a star pattern.

