

## NATEF TASK SHEET --- SECTION A.4 E.9 (P-1)

### TIRE 1: REMOVE AND INSTALL WHEEL AND TORQUE LUG NUTS CHANGING A FLAT TIRE!

Student: \_\_\_\_\_ Date: \_\_\_\_\_ Instructor: \_\_\_\_\_  
 VIN: \_\_\_\_\_ Year: \_\_\_\_\_ Make: \_\_\_\_\_ Model: \_\_\_\_\_  
 Tread Depth: \_\_\_\_\_mm Manufacture Date: \_\_\_\_\_ Tire Size: P\_\_\_\_/\_\_\_\_R\_\_\_\_  
 How old is the tire? \_\_\_\_\_ Is the tire worn out? \_\_\_\_\_

**Objective:** Student will remove, evaluate, and install wheel/tire assembly and torque lug nuts.

- Materials:**
1. **EYE PROTECTION!**
  2. Lug Wrench
  3. Torque Wrench
  4. Safety Stands and Floor Jack (or hoist)
  5. Vehicle (see instructor)

**Procedure:** **EAR EYE PROTECTION!** Watch Tire1 Video.

Set parking brake. With a lug wrench, loosen lug nuts 1 turn. Raise vehicle and place on safety stands. Chock wheels on ground. Remove lug nuts and wheel. Evaluate tire. Clean lug studs with wire brush as needed. Install wheel and hand tighten lug nuts. Finish tightening with torque wrench (in a star pattern) to manufacturer's specifications.

***Note torque specifications below.***

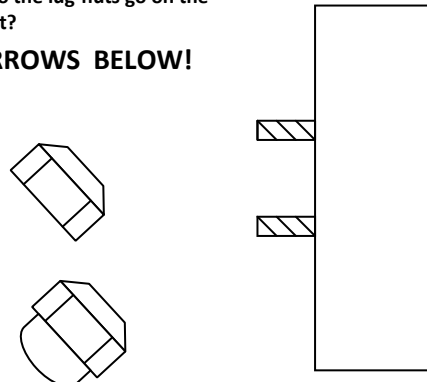
**TORQUE SPECIFICATIONS:** \_\_\_\_\_ FOOT POUNDS.

**PROBLEMS ENCOUNTERED:** \_\_\_\_\_

**RECOMMENDATIONS:** \_\_\_\_\_

**INSTRUCTOR SIGN OFF:** \_\_\_\_\_

#### INSTRUCTOR'S EVALUATION

<p>Which way do the lug-nuts go on the wheel at right?</p> <p><b>DRAW ARROWS BELOW!</b></p> <div style="display: flex; align-items: center; justify-content: center; margin-top: 20px;">  </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Student can evaluate results and determine necessary action</td> <td style="width: 50px;"></td> </tr> <tr> <td style="padding: 5px;">Student can interpret outcomes</td> <td></td> </tr> <tr> <td style="padding: 5px;">Student can recall/recite procedure</td> <td></td> </tr> <tr> <td style="padding: 5px;">Student has observed procedure</td> <td></td> </tr> <tr> <td style="height: 40px;"></td> <td></td> </tr> </table>	Student can evaluate results and determine necessary action		Student can interpret outcomes		Student can recall/recite procedure		Student has observed procedure			
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Tire1 /02-23-21/ vdb