

NATEF TASK SHEET --- SECTION A.4 E.10 (P-1)

TIRE 1: REMOVE AND INSTALL WHEEL AND TORQUE LUG NUTS

Student: _____ Date: _____ Period: _____

VIN: _____ Year: _____ Make: _____ Model: _____

Engine: _____ Transmission: _____ Production Date: _____

OBJECTIVE Student will remove and install wheel/tire assembly and torque lug nuts.

- MATERIALS**
1. **EYE PROTECTION!**
 2. Lug Wrench
 3. Torque Wrench & Socket
 4. Anti-Seize Compound
 5. Jack Stands and Floor Jack, or Hoist
 6. Vehicle (see instructor)

STOP! Read This First!
 Learn how to read and adjust a torque wrench and then have your instructor sign this box before you proceed with this task.

_____ Instructor Sign

PROCEDURE **WEAR EYE PROTECTION!** Watch power point T1.

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. Lubricate lug studs with anti-seize compound. Install wheel and hand tighten lug nuts. Finish tightening with torque wrench (in a criss-cross pattern) to manufacturer's specifications.

Note torque specifications below.

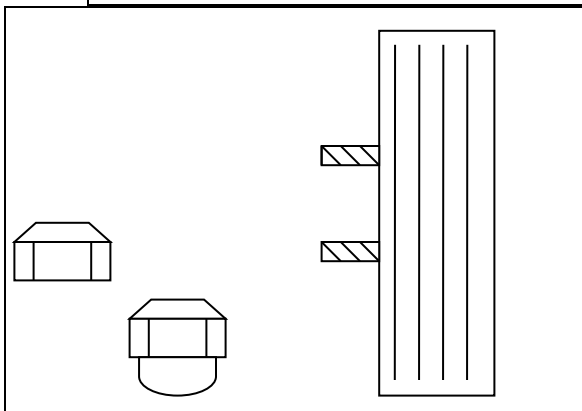
TORQUE SPECIFICATIONS: _____ FOOT POUNDS.

PROBLEMS ENCOUNTERED: _____

INSTRUCTORS EVALUATION

LEVEL OF SKILL ATTAINED	Initial	OVERALL SKILL EVALUATION	Points
DEMONSTRATES MASTERY (5)		DOCUMENTATION COMPLETENESS (1)	
PERFORMS SATISFACTORILY (4)		SAFETY COMPLIANCE (1)	
CAPABLE, NEEDS PRACTICE (3)		WORK PROFESSIONALISM (3)	
ASSISTED IN PERFORMING (2)		LEVEL OF SKILL ATTAINED (1-5)	
EXPOSURE, OBSERVATION (1)		TOTAL SCORE	

INSTRUCTOR'S SIGNATURE:



<<<< Which way do the lug-nuts go
 On the tire/wheel assembly at left?
 Draw arrows to indicate how they go on.

*Do you have any recommendations
 to make this skill easier to learn?*

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