

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

TIRE 9: REMOVE AND INSTALL WHEEL WITH ½” IMPACT & TORQUE STICK

Student: _____ Date: _____ Period: _____

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

Engine: _____ Transmission: _____ Production Date: _____

OBJECTIVE Student will remove and install wheel/tire assembly with ½” impact and torque stick.

- MATERIALS**
1. **EYE PROTECTION!**
 2. ½” Impact
 3. Torque Stick & Socket
 4. Anti-Seize Compound
 5. Safety Stands and Floor Jack, or Hoist
 6. Vehicle (see instructor)

PROCEDURE **WEAR EYE PROTECTION!** Watch video **T9**.
 Set parking brake. Raise vehicle and place on safety stands. Chock wheels on ground. Remove lug nuts with impact and socket. Lubricate lug studs with anti-seize compound. Install wheel and hand tighten lug nuts. Finish tightening (in a crisscross pattern) with torque stick pre-adjusted to specifications.

Note torque specifications below.

TORQUE SPECIFICATIONS: _____ FOOT POUNDS. COLOR TORQUE STICK _____

PROBLEMS ENCOUNTERED: _____

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

INSTRUCTORS EVALUATION

LEVEL OF SKILL ATTAINED	<i>Initial</i>	OVERALL SKILL EVALUATION	<i>Points</i>
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:			

Tire 9 / 11-05-14 / vdb