

## NATEF TASK SHEET --- SECTION A.4 E.1, 2, 4, 9 P-1

### TIRE 2: TIRE ROTATION

Student: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

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

Engine: \_\_\_\_\_ Transmission: \_\_\_\_\_ Production Date: \_\_\_\_\_

**OBJECTIVE:** Student will rotate, inspect, evaluate, and set pressures on a vehicle's tires.

- MATERIALS:**
1. **EYE PROTECTION!**
  2. Lug wrench and air chuck w/gage
  3. Torque Wrench, socket, and tire depth gage
  4. Anti-Seize compound
  5. Floor jack, safety stands, and wheel chocks
  6. or Hoist
  7. Vehicle (see instructor)

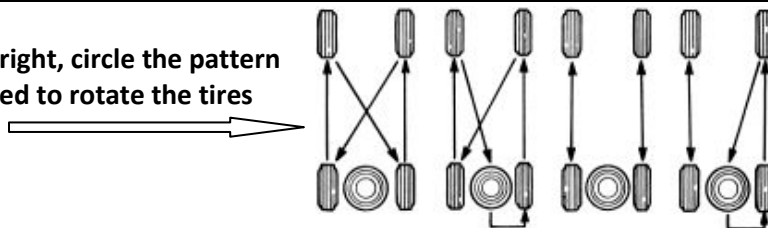
**PROCEDURE:** **WEAR EYE PROTECTION!** Safely raise and secure vehicle. Rotate tires/wheels according to manufacturer's recommendations. **LUBE LUG STUDS WITH ANTI-SEIZE COMPOUND!** Torque all lug nuts to factory specs. Inspect tires, **check and adjust air pressures**, measure tread depth, determine manufacturer date for each tire, and write in table below. *Note (1)torque specs, (2)tire pressures, (3)tread depth, (4)tire conditions, (5)manufacturing date and (6)recommendations below.*

**Lug-nut torque specifications:** \_\_\_\_\_ ft lbs. **Where did you find lug nut torque specs?** \_\_\_\_\_  
**Where did you find tire pressure specs?** \_\_\_\_\_

**\*\*Fill out chart AFTER Rotation**

	Right Front	Left Front	Right Rear	Left Rear
<b>Tire Pressures</b>				
<b>Tread Depth</b>				
<b>Tire Condition</b>				
<b>Manufacturing Date</b> (Watch Ross Tire Video)				

In diagram at right, circle the pattern your group used to rotate the tires



INSTRUCTORS EVALUATION

RECOMMENDATIONS	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)		<b>TOTAL SCORE</b>	
INSTRUCTOR'S SIGNATURE: _____				