

NATEF TASK SHEET --- SECTION A.4 E.7 (P-1)

TIRE 4: TIRE BALANCE

Student: _____ Date: _____ Period _____

Tire Brand: _____ Tire Size: _____ Rim Size: _____

Tire Manufacturing Date: _____

Treadwear rating _____

Traction Rating _____

Temperature rating _____

OBJECTIVE: Student will dynamically balance a tire and wheel assembly.

- MATERIALS:**
1. ***EYE PROTECTION!***
 2. Wheel weights and Weight Pliers
 3. Computerized Tire Balancer
 4. Tire and Wheel Assembly

PROCEDURE: **WATCH VIDEO Tire 4.** (for computerized balancer)
WEAR EYE PROTECTION! Place wheel on balancer shaft. Select proper cone to fit center of rim and place on shaft large end out. Secure with screw clamp. Adjust mode setting on machine to **DYNAMIC**. Set three settings on machine. **(A,D,W)** Press START and spin assembly. Add weight to correct position according to machine. Press start and recheck. Readings should be zeros. Note amounts of weight used.

RECORD MODE SETTINGS: **A** **D** **W**
(What do A, D, and W stand for? Where do you find them?)

AMOUNT OF WEIGHT USED IN OUNCES: **INSIDE** **OUTSIDE**
(Round to the nearest .25 oz.)

PROBLEMS ENCOUNTERED: _____

INSTRUCTOR SIGN OFF: _____

INSTRUCTOR'S EVALUATION

	Demonstrates Mastery
	Performed Satisfactorily
	Capable, Needs Practice
	Assisted in Performing
	Exposure/Observation
	Has trouble following directions

Tire4-2013 / 01-07-13 / vdb