

AUTO 121

AUTOMOTIVE SERVICE AND MAINTENANCE

LAB PRACTICAL

FINAL EXAM

NAME _____ DATE _____

Station #1

Tire Machine

Check the balance of the tire mounted on the tire machine. Indicate the amount of weight (oz. or G) and the location of the weight (by letter) for both the inner and outer planes.

DO NOT ADD WEIGHTS – DO NOT USE ROAD FORCE. BE SPECIFIC

INNER Amount _____ Location _____

OUTER Amount _____ Location _____

Please reset the machine by pushing “R” twice, for the next person

NOW

Retrieve the following information from the tire.

Tire Tread Depth _____

Tread Width _____

Aspect Ratio _____

Diameter _____

Build Date _____

Treadwear _____

Traction _____

Temperature _____

Load Rating _____

Speed Rating _____

Max Inflation Pressure _____

Station #2

Measurements - Bolts

What is the correct format for describing fastener size? _____

Measure Bolt Sizes – Record In The Correct Format

1. _____
2. _____
3. _____
4. _____
5. _____

Station #3

Vehicle Information

Use the provided vehicle to answer the questions below.

1. What is the vehicle make? _____

2. What is the vehicle model? _____

3. What is the model year of the vehicle? _____

4. What is the vehicle's country of origin? _____

5. What is the vehicle's build date? _____

6. What is the engine size (in liters)? _____

7. What is the recommended oil viscosity for the vehicle? _____

8. What are the recommended tire pressures for the vehicle?

Front _____ Rear _____ Spare _____

Station #4

Perform a multi-point inspection on this vehicle using the sheets provided.

This vehicle is already set on the lift for you.

Inspect only / do **NOT** make and adjustments or repairs