



Delta Secondary School
Home of the Pacers

Assignment
Technology Education
Mr. Mynott

Information Gathering

Student: _____ Block: _____ Date: _____

Your mission is to gather the following vehicle information using the Mitchell 1 online vehicle data base.

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Step 1: Open your chosen web browser and in the url area type:

<http://www.ondemand5.com>

Step 2: Click on the  button.

Step 3: Enter the **username: dssauto** AND **password: edmonton**

Your screen should look like this:

User Name:
Password:

Step 4: Using the drop down arrows enter the following vehicle information:

Year

Make

Model

NOTE: There are different tabs located on the page that all give different types of information.



Vehicle Questions

Looking under the **MAINTENANCE** tab find the following information:

1. What **NORMAL** condition maintenance should be done on this vehicle at 37,500 miles or 60,000 kilometers?

Operation

Component

2. After how many miles (kilometers) should the **air cleaner element** be replaced on this vehicle?

Answer: Miles: _____ Kilometers: _____

Looking under the **MAINTENANCE** tab under **FLUIDS** find the following information:

3. What is the preferred type and **total capacity** of **engine oil** that is required for this vehicle **ABOVE** 0 degrees Celsius or 20 degrees Fahrenheit?

Answer: Type of motor oil (ex. 15W-40): _____ Quarts: _____ Liters: _____

4. What is the **total capacity** of **engine coolant** that this vehicle requires?

Answer: Quarts: _____ Liters: _____

5. What type of break fluid does this vehicle take?

Answer: Fluid Type: _____

6. How much fuel does this vehicle take?

Answer: Gallons: _____ Liters: _____

7. What is the **total capacity** and **type of fluid** of the manual transmission for this vehicle?

Answer: Quarts: _____ Liters: _____ Fluid Type: _____

*Looking under the **REPAIR** tab find the following information:*

*Look under **Engine Performance and Specifications**.*

8. What is the gap and torque of the spark plugs for this vehicle?

Answer: Gap in _____" and _____mm

Torque in Foot Pounds (Ft.Lbs.) _____ or Newton Meters (N.m) _____

*Look under **Driveline / Axles** then **Axle shafts**.*

9. What is the torque specification in Ft. Lbs. and N.m of the **spindle nut** on the end of the **drive axle** of this vehicle?

Answer: Ft. Lbs. _____ N.m _____

*Look under **Brakes** then **Mechanical - Hydraulic***

10. For this car the brakes are controlled by a master cylinder. What is the master cylinder push rod clearance?

Answer: _____" and _____mm

11. What is the torque specification **rear spindle nut** that holds the brake drum on?

Answer: Ft. Lbs. _____ N.m _____

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Look under **Transmission** then **Automatic Trans** then **Removal & Installation – A / T**

12. What is the torque for the **wheel lug nuts**?

Answer: Ft. Lbs. _____ N.m _____

Looking under the **ESTIMATOR** tab find the following information:

Look under **Engine** then **Engine Oiling** then **Oil Pump – Remove & Replace**

13. How much **Labor Time** will the job take if this vehicle **has air conditioning**?

Answer: _____ Hours

Look under **Engine** then **Engine Oiling** then **Engine Oil Filter**

14. How much **Labor Time** will an oil and filter change take on this vehicle?

Answer: _____ Hours

Look under **Engine** then **Engine Oiling** then **Oil Pan Gasket**

15. How much **Labor Time** will changing the oil pan gasket take on this vehicle?

Answer: _____ Hours

Looking under the **TSB** tab find the following information:

Look under **All TSB** then **Using the Search box**

16. What technical service bulletin came out on **1995 – 04 – 01**?

Order Reference Number: _____

Title: _____

HOLD ON TO THIS SHEET. WE WILL BE MARKING IT NEXT CLASS!