**CDX Distance Learning**

**Exercise #17**

**Vehicle Inspection**

**Estimated Completion Time:** 60 mins.

**Student Name:** Click or tap here to enter text.

Using the vehicle inspection sheet provided on the following pages, perform a vehicle inspection with any available vehicle. Be sure to complete every inspection item and add notes where needed. Once you have completed your inspection, answer the following questions.

1. Are there any immediate safety concerns with the tires or the brakes?
   1. Yes
   2. No
2. Are there any other concerns?
   1. Yes
   2. No
3. Are there any maintenance recommendations?
   1. Yes
   2. No
4. Are all of the fluids in good condition and at proper levels?
   1. Yes
   2. No
5. Go to the website [**https://www.nhtsa.gov/recalls**](https://www.nhtsa.gov/recalls) and type in the 17-digit VIN number. Are there any open recalls?
   1. Yes
   2. No

CUSTOMER NAME: Click or tap here to enter text. DATE: Click or tap to enter a date.

YEAR: Click or tap here to enter text. MAKE: Click or tap here to enter text.

MODEL: Click or tap here to enter text. COLOR: Click or tap here to enter text.

VIN NUMBER: Click or tap here to enter text. ENGINE: Click or tap here to enter text.

MILEAGE: Click or tap here to enter text.

**Vehicle Body Inspection Pass Caution Fail Notes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| * Body dents, dings, or damage |  |  |  |  |
| * Inner fender liners, mud flaps, etc. |  |  |  |  |

**Vehicle Interior Inspection (Perform Before Exiting the Vehicle)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| * Upholstery/carpet/floor mats/mirrors/glass |  |  |  |  |
| * Indicator dash lights and indicators |  |  |  |  |
| * Warning lights |  |  |  |  |
| * Fuel/trunk/hood release |  |  |  |  |
| * Horn(s) |  |  |  |  |
| * Front wiper blade and washer operation |  |  |  |  |
| * Rear wiper blade and washer operation |  |  |  |  |
| * Windshield/glass condition |  |  |  |  |
| * Brake (and clutch) pedal free play/travel |  |  |  |  |
| * Verify correct headlight aim while in vehicle (if possible) |  |  |  |  |

**Vehicle Underhood Inspection (Perform After Exiting the Vehicle)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| * Inspect engine air filter |  |  |  |  |
| * Inspect cabin/pollen filter |  |  |  |  |
| * Battery capacity and condition |  |  |  |  |
| * Battery terminals, cables, and mounting |  |  |  |  |
| * Engine hoses (coolant, fuel, and vacuum) |  |  |  |  |
| * Engine belt(s) tension/condition |  |  |  |  |
| * Oil level and condition |  |  |  |  |
| * Transmission fluid and condition |  |  |  |  |
| * Brake fluid level and condition |  |  |  |  |
| * Power steering fluid level and condition |  |  |  |  |
| * Washer solvent level |  |  |  |  |
| * Engine coolant reservoir level and condition |  |  |  |  |
| * Engine coolant condition |  |  |  |  |
| * Inspect *all* lights for proper operation |  |  |  |  |

**Pass Caution Fail Not Done**

**Vehicle Brake Inspection**

Pass 7.0–5.0 mm, Caution 6.0–4.0 mm, Fail 3 mm or Less

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| * Front brake thickness mm |  |  |  |  |
| * Rear brake thickness mm |  |  |  |  |
| * Overall brake wear and condition |  |  |  |  |
| * Brake lines/hoses/parking cables |  |  |  |  |

**Vehicle Tire and Wheels**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| * LF Tire condition/Depth\_\_\_\_/32nds |  |  |  |  |
| * RF Tire condition/Depth\_\_\_\_/32nds |  |  |  |  |
| * LR Tire condition/Depth\_\_\_\_/32nds |  |  |  |  |
| * RR Tire condition/Depth\_\_\_\_/32nds |  |  |  |  |
| * Spare tire/wheel condition |  |  |  |  |
| * Jack and tire changing tools |  |  |  |  |
| * Tire Pressure Front \_\_\_\_\_PSI |  |  |  |  |
| * Tire Pressure Rear \_\_\_\_\_PSI |  |  |  |  |
| * Tire Pressure Spare \_\_\_\_\_PSI |  |  |  |  |
| * Wheel and hub cap condition |  |  |  |  |
| * Wheel balance and wear |  |  |  |  |

**Vehicle Under Car Service Inspection**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| * Fluid leaks Click or tap here to enter text. |  |  |  |  |
| * Inspect front-end linkage |  |  |  |  |
| * Inspect front and rear suspension |  |  |  |  |
| * CV boots/joints, bearing condition |  |  |  |  |
| * Inspect exhaust (leaks and hangers) |  |  |  |  |
| * Differential level/fluid condition |  |  |  |  |
| * U joint condition/lube |  |  |  |  |