#### A white jeep parked in front of a blue wall Description automatically generated with medium confidenceGraphical user interface, application Description automatically generated****Week 4.1:****

This weeks focus is on control devices and control logic. Use the specs for your system to complete this assignment. It may be necessary to make some assumptions about your system; clearly state any assumptions you make. Include a picture of your system and its technical specifications in your document. Create a word document that presents this information and then answers the following questions:

* What mechanical and/or electromechanical control devices do you have in your system? (not computer or programming based)

**Coolant thermostat, ignition relay, check valves,**

* What logic would be applicable for the control devices in your system? (AND, OR, NOT logic)

**AND (for engine operation)**

* Write at least one logic statement for your system using these answers.

**Engine will start after Ignition relay is activated AND brake pedal is pressed AND when fuel injectors inject fuel into the cylinders AND check valves only allow clean/fresh air into the cylinders AND spark plugs create spark in the cylinders with exact timing.**