**Week 2.2:**

This weeks focus was on electrical circuits and circuit values. Continue to use the system you chose and further analyze the nameplate data or technical specifications for it. It may be necessary to use both nameplate data and technical specifications if your system has both. Include a picture of your system and its technical specifications or nameplate in your document.

Create a word document that presents this information and then answers the following questions:

**The state of the vehicle is: Running 10-20mph “lights and radio off”**

* What is the voltage level required to supply this system?

**This system requires 12 volts**

* What is the current this system is expected to draw?

**About 20-30amps**

* If a breaker or fuse was wired in series to protect this system, what current rating would it need to have?

**It has a few fuses and they range from 5 - 40 amps (Instrument Cluster-5A, Powertrain Control Module-20A, Radiator Fan-40A)**

* What other electrical components does this system have based on what components were discussed this week?

**The radiator fan, A/C fan, and injection pump are all examples of electric motors**