**ANSWER KEY**

**Distance Learning Exercise #1: 60K Service**

1. The vehicle is due for a 60,000-mile service. The 60,000-mile service includes the following:
	1. Perform required inspections.
	2. Rotate tires.
	3. Change oil and filter.
	4. Replace spark Plugs and inspect spark plug wires.
2. The tire rotation pattern is front to straight back. The rears cross sides and move to the front. The torque of the wheels is 110 ft-lb.
3. After the tires have been rotated and pressures have been set, the tire pressure system needs to be reset for the new tire locations to be relearned.
4. The oil specification is 5W30 DEXOS. Capacity is 6.0 quarts.
5. There is a TSB that refers to information on engine oil types: GM TSB#13-00-90-001.
6. The drain plug should be torqued to 18.0 ft-lb.
7. Oil life reset procedure:

1. Display OIL LIFE RESET on the driver information center (DIC).

2. Press and hold the ENTER button for at least one second. An ACKNOWLEDGED display message will appear for 3 seconds, or until the next button is pressed. This will tell you the system has been reset.

3. Turn the key OFF. If the CHANGE ENGINE OIL light comes back on and stays on when you start the vehicle, the engine oil life system has not been reset. Repeat the procedure.

1. The cold tire specification is 60 psi.
2. The coolant with a proper 50/50 mixture should be –34° F.
3. The next required transmission fluid service is due at 90,000 miles.
4. The brake fluid installed in this vehicle is DOT 3.
5. The spark plug gap specification is 0.030–0.035 inches.
6. The torque specification of the spark plugs is 15 ft-lb.
7. The caution warning before replacing the spark plugs is not to remove them from a hot engine. The engine should be allowed to cool first.
8. The ignition coils should be removed to gain access to the spark plugs. Dielectric grease should be installed to the inside of the ignition coil boots, and the coil should be torqued to 89 in-lb.