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## The Important of Engine Oil in an Automobile

One of the most important, but also most forgotten maintenance tasks to do is to have the oil changed in the vehicle. The oil is a quick and inexpensive task to complete for the vehicle. If an oil change is ignored, it can do possible damage to the engine of the vehicle. If you are unsure of when the oil should be changed, we can help advise you a schedule that can work for you and your vehicle. Other maintenances should not be ignored either. Having the tires balanced, aligned, or rotated should be done based on a schedule as well. These tasks can help for the tires to last as long as possible, and helps the tires to wear correctly.



Many people think that oil is there to help your car burn fuel when in fact, it's there to lubricate, cool, and clean your engine. So what this means is that if there is not enough oil, then three things will happen to your car: thermal degradation (lacquer and carbonaceous deposits), oxidation (varnish and sludge), and compressive heating (soot and tar. These things will deposit in your engine, creating friction in parts where oil would normally flow. Once this happens, the oil will start to do opposite of what it was intended to do. It now create friction and heat to the engine, cylinder walls, bearings, rings, and etc., which and creates even more deposits that will lead to a dirtier engine.

### **Why Engine Oil should be change Regularly.**

- Part of helping the engine last as long as possible is to have the oil changed on a regular basis. We can help to recommend a schedule that the oil should be changed at. Clean oil is needed to help keep the engine and other moving parts of the vehicle lubricated. Oil can get old and become dirty with time. Contaminants, dirt, and other debris can get into the oil for the vehicle. This can travel to the engine where it can build up and lead to

parts being damaged. If you notice that there is an oil leak, make sure the issue is addressed immediately. This can help to avoid a potential larger issue in the future.



- Regular oil changes can help increase the fuel efficiency of the vehicle. By having clean oil in the vehicle, parts and components can run smoothly and more efficiently. This is because the new oil will be free of any contaminants and dirt. If the vehicle contains old oil, the engine will have to work harder to produce the same amount of energy as a vehicle with new oil. We can inspect the vehicle to help ensure engine parts are working effectively. It is also recommended to keep extra oil in your vehicle. This way you can add more oil if you start to run low and are unable to bring your vehicle in. Keeping oil in your vehicle can help the lifespan of the engine.

### The important of Oil Filter



When having the oil changed, also remember to have the oil filter changed. A filter can last through a couple oil changes, but will eventually need to be replaced. The oil filter is important because it helps to catch the dirt and debris in the oil, so good clean oil can go to the engine. We can inspect the filter when changing the oil and recommend when a change is needed. This way you can be assured the best quality oil is being distributed throughout the vehicle.

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