

Above and Beyond Auto Repair

About Your Engines Coolant

An engine needs protection from freezing and overheating. Your coolant plays an important part in the life of your engine. During the winter it protects the engine from freezing and cracking. During the hot summer month's coolant protects the engine from overheating and extreme operating temperatures.

Normally the only time a person concerns themselves with the engines cooling system is when they have an overheating situation, or at the beginning of winter. Keeping the coolant refreshed and at the optimum-operating blend extends the life of the cooling system, the life of the engine, and will lower the overall maintenance expenses (water-pump replacement), and will help to keep your driving experiences trouble free.

During hot summer months, most vehicles are subjected to extreme temperatures and increased engine loads due to the air-conditioning system being turned on. At times like this not only does the coolant have to cool the engine, it has to cool you too!

A Little known fact:

Coolant serves three important purposes. 1) It decreases the freezing point of water. 2) It increases the boiling point of water. 3) It lubricates the water pump. Fresh coolant helps to keep the engine from 'boiling over' and will help to dissipate the increased temperatures in the engine compartment from the A/C and the hotter ambient air temps, effectively increasing the engines life.

Keeping the cooling system at optimal performance will increase the efficiency of your air conditioning system, protect the engine, and help to keep your summer driving trouble free.