Automotive Glossary

Adaptive cruise control An advanced cruise control system that maintains a preset distance or time interest from the vehicle ahead by automatically controlling the brakes and throdie.

Balancing (tires)

Balancing (tres).
Adding small amounts of weight to a wheel to offset any imballance present in the tire and wheel assembly. Proper balance eliminates wheel and the vibrations that are anneying, can reduce traction in certain circumstances and cause increased fire and suspension was:

Brake caliper

Brake calipler
The hydraulic assembly that contains the brake pads and applies them against the brake moth to allow or stop the car.
Brake shows
Curved metal platforms facad with a friction material that is present against the inside of a trans drum to slow or slop the car. Brake shows are springly the wheel cylinder.

Cold cranking amps (CCA)

Cold cranking amps (CCA)
A rating that inclusies the amount of power a battery can provide for engine cranking in cold-dark conditions.
Continuously Variable Transmission (CVT)
an automails transmission that uses two variable-diameter pulloys and is steel belt to continuously after its plear ratio. This provides entend power delivery and allows this ergine to operative at the optimizers speed for any given driving.

Largest assembly of an internal combustion engine. Consists of the lower part of the engine which contains the crankshaft, connecting rods and pistons in an oil-tight housing. tight housing. Curb weight The weight of a vehicle carrying a full tank of fuel but no passengers or cargo.

Drive shaft

On rear-wheel or sill-sheel drive vehicles, the shaft that couples the transmission to the near ade differential assembly Dust overhead cambafts (DOHC). An engine with two cambafts (DOHC). An engine with two cambafts located in the upper portion of the cylinder head.

Engine block (crankcase)

Largest assembly of an internal combustion engine. Consists of the lower part of
the engine which contains the crankshaft, connecting rods and pistons in an oil-light housing.

Fast idle

An increased idle speed that typically occurs for a short time after a cold engine start to improve drivability and speed engine warm up.

Grab Braxes engage suddenly and strongly, even when applying light pressure on the brake podal.

Green Mouse Gas (GHG)

Green Mouse Gas (GHG)

Ary gas in the aimposphere that absorbs and emits radiation within the thermal infrared range, thereby contributing to climate change/global warning. The primary green-house gases in the Earth's almosphere are water vision, carbon dioxide, methane, nitrous oxide, and coone.

Healtation
Momentary loss of power on acceleration.
Horaepower
The measurement of the engine's ability to produce work.

Hybrid Electric Wholice (HEV)

A vehicle that achieves improved that efficiency by using an electric motor to help the engine project that can be a considered that the engine project that can be a submatically inchanged chainsy whole dependent using a generator driver by the car's engine. The betwy is also rechanged by regenerative braining that are the electric motor into a generator during counting and braining and provision to connect an external offenges, and the energy braining and braining electric motor into a generator during our series and an energy braining and braining and braining electric motor into a generator during our series and an energy braining and an

Multi-point injection
A fuel delivery system that utilizes a fuel injector for each cylinder.

Positive crankcase ventilation (PCV) valve
Emission control system that advisect crankcase vapors back into the engine to
be burned. Often controlled by a PCV valve that requires periodic replacement.
PCV valve proferers can cause a car to run risight, stell, use inscess engine of,
snoke, and have high exhaut emissions.

Power loss

Engine runs all reduced speed or requires more throttle to maintain constant speed.

Pull

Vehicle self-steers to one side or the other when driving or braking.

Rain-sensing wipers

ream-sensing wipers
Windshield sipers whose rate of operation is electronically controlled based on
the amount of mosture on the windshield.

Rear view camera.

A camear mounted at the back of the vehicle that displays a picture on a screen
in the dash or rear view misror of what is behind the car when the transmission is
in reverse.

Rear-wheel drive (AX2)

Drive system that provides power to only the rear wheels of the vehicle. In trucks, this type of powertrain is sometimes referred to as "4X2" in comparison to a four-wheel drive "4X4" system.

When the engine vibrates or shakes while running with the drivers foot off the gas.

Specific gravity

Term used in connection with testing a battery's electrolyse. A specific gravity tests is used to determine the battery's state of change. Sealed "maintenance free" batteries sometimes have an indicator on top that indicates the state of change.

Sport Utility Vehicle (SUV)

An enclosed body on a truck chassis that provides ruggedness and ground classrance with sport for up to passingues and their cargo. These vehicles usually have five economy and richerhanding trats senter to the trucks on which they are based. The Charlest Tahou-Subuhan, CMC Viaon/Yukon XI, and Ford ExpeditionExpedition are common SUVs.

Thermostat
A component that helps requisite engine temperature by controlling the speed at which coolant creatistes through the engine.

A base (usually rubber or hard plastic) that transfers vaccount to various vehicle components.