




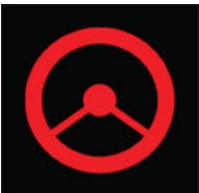



## Understanding Normal Vehicle Operation

There may be a number of operation conditions where you may experience a slight change in engine speed. These conditions do not indicate a problem, in fact, they are normal. We are providing you with this information to ensure that you have accurate information regarding your vehicle.

Note: Some of the features listed below are optional on some vehicles and may not be applicable to your specific vehicle.

	<p><b>Air Conditioner Idle-Up</b></p> <p>An engine-driven air conditioner compressor may exhibit a slight increase in engine RPM when the air conditioner compressor cycles on. This increase in engine idle speed reflects normal compensation for the increase load of the air conditioner compressor.</p>
	<p><b>Catalyst Protection</b></p> <p>On certain vehicles equipped with manual transmissions, the engine computer may momentarily keep the engine speed above idle when shifting out of fifth or sixth gear at highway speeds. This condition occurs only briefly and only when the vehicle is in neutral. It is designed to prolong the life of the catalytic converter.</p>
	<p><b>Cold Idle-Up</b></p> <p>The engine control module is programmed to raise engine idle speed slightly following a cold start. This higher engine idle speed is a normal function of a cold engine. The idle speed decreases once the engine begins to warm up.</p>
	<p><b>Conventional Cruise Control</b></p> <p>When conventional cruise control is engaged and the set speed is above the vehicle speed, it is normal for the vehicle to accelerate to the set speed. Cruise control does not have the ability to slow the vehicle if the driver accelerates the vehicle above the set speed, or if the vehicle gains speed while descending a hill.</p>
	<p><b>Dynamic Radar Cruise Control</b></p> <p>When Dynamic Radar Cruise Control is engaged and the desired speed is above the vehicle speed, it is normal for the vehicle to accelerate to the desired speed when the lane in front of the vehicle is clear. Dynamic Radar Cruise Control does not have the ability to slow the vehicle if the driver accelerates the vehicle above the set speed or if the vehicles gains speed while descending a hill.</p>
	<p><b>Power Steering Idle-Up</b></p> <p>Vehicles equipped with hydraulic power steering may exhibit a slight increase in engine RPM when turning the steering wheel at lower vehicle speeds. This increase in engine RPM reflects a normal response to the increase load of the power steering system.</p>
	<p><b>Transmission Shift</b></p> <p>When accelerating at low to moderate vehicle speeds, the automatic transmission may downshift to a lower gear. When this downshift occurs, it is normal for the engine speed to increase, enhancing vehicle acceleration.</p>