

BIGHORN POWERSPORTS

**1715 LAKES PARKWAY
LAWRENCEVILLE, GA 30043**

Product Advisory

Subject: Cold start up on EFI vehicles

Bighorn 400 Explorer models feature a state of the art Electronic Fuel Injection System. When your vehicle is started the Engine Control Unit (ECU) performs several diagnostics checks to make sure that the engine is operating at peak efficiency. This is important for both optimal performance and to minimize exhaust emissions.

During normal start up, there is a brief delay after the engine starts before the engine returns to its proper idle speed. At normal expected ambient temperatures, this typically takes 7 to 9 seconds. During periods of cold ambient temperature this warm up period may be extended by several seconds and may take 20 to 30 seconds.

Also, since the ECU is constantly monitoring several systems of engine operation this higher idle speed may be encountered if the transmission is place in neutral or park, and the engine is revved. It may take several seconds for the idle speed to reset.

During these periods of time when the idle speed is high, the transmission should not be shifted from Park or neutral into gear. If you attempt to shift the transmission while the unit is still at high idle, the transmission gears will grind and may be damaged.

Monitor the RPM readings on the tach display on the dash to make sure the engine speed has settled below 2000 RPM before shifting the transmission.

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