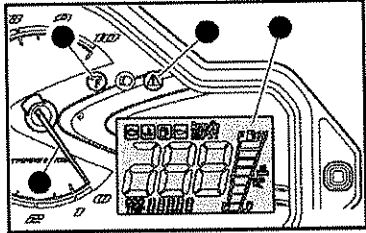

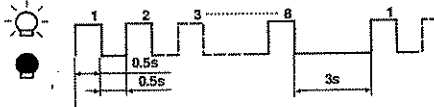
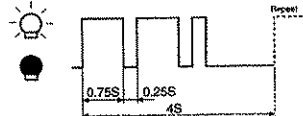
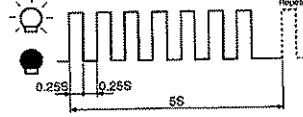
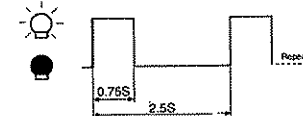
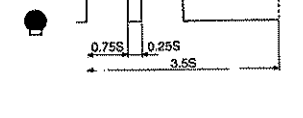



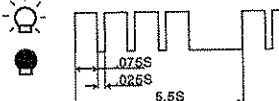
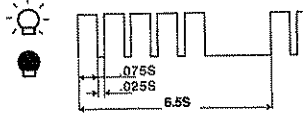
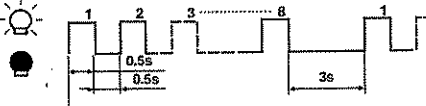
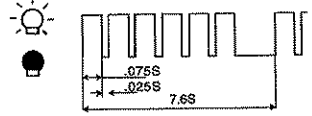
2006 Snowmobile Technical Update

SXViper, SXVenom, VT60/70 Self-Diagnosis System Warning Light Patterns

Item	Description	Warning Light Pattern
Warning Bulb and CDI Unit Check	<p>Condition: Engine start-up.</p> <p>Warning Display: The tachometer needle sweeps once, all segments of the LCD and indicator lights, except the high beam indicator, turn on and off one time. (DCS Models: The DCS indicator will flash three times)</p>	
E/G Overheat	<p>Condition: Coolant temperature reaches 212° F (100° C) or higher.</p> <p>Warning Display: The warning light and temperature icon stay on constant.</p>	<p>Warning light & temperature indicator</p>  <p>Constant ON (No Flashing)</p>
Coolant Temperature Sensor and Circuit	<p>Condition: Coolant temperature sensor or circuit problem.</p> <p>Warning Display: The warning light and temperature icon flash in an eight flash pattern.</p>	
Throttle Position Sensor and Circuit	<p>Condition: Throttle position sensor or circuit problem.</p> <p>Warning Display: The warning light and engine icon will flash in a two long / one short flash pattern.</p>	
YPVS Servo Motor and Circuit	<p>Condition: YPVS servo motor is locked or there is a short or open in the servo motor or circuit.</p> <p>Warning Display: The warning light and engine icon will flash in a seven short flash pattern.</p>	
Grip Warmer Switch and Circuit	<p>Condition: Grip warmer switch or circuit problem.</p> <p>Warning Display: The warning light and engine icon will continuously flash one long flash with a longer pause in between flashes.</p>	
Grip Warmer and Circuit	<p>Condition: Grip warmer or circuit problem.</p> <p>Warning Display: The warning light and engine icon will flash in a two long flash pattern.</p>	

NOTE: The above self-diagnostic mode can only activate with the engine running.

SXViper, SXVenom, VT60/70 Self-Diagnosis System Warning Light Patterns (Continued)

Item	Description	Warning Light Pattern
Thumb Warmer Switch and Circuit	<p>Condition: Thumb warmer switch or circuit problem.</p> <p>Warning Display: The warning light and engine icon will flash in a three long flash pattern.</p>	
Thumb Warmer and Circuit	<p>Condition: Thumb warmer or circuit problem.</p> <p>Warning Display: The warning light and engine icon will flash in a four long flash pattern.</p>	
Power Source Voltage	<p>Condition: System voltage is low.</p> <p>Warning Display: The warning light and engine icon will flash in a five long flash pattern.</p>	
Fuel Level Sensor and Circuit	<p>Condition: Fuel level sensor or circuit problem.</p> <p>Warning Display: The warning light, fuel icon, and fuel level bars will flash in an eight flash pattern.</p>	
DCS Knock Sensor	<p>Condition: Knock sensor or circuit problem.</p> <p>Warning Display: The warning light and engine icon will flash in a six flash pattern.</p>	

NOTE: The above self-diagnostic mode can only activate with the engine running.