Technical Bulletin # 1067

Transmission: *6L80*
Subject: *Erratic Shifts, Engine Stalls*
Application: *2007 Escalade, Yukon*
Issue Date: *February, 2007*

6L80

Erratic Shifts, Engine Stalls, (Reprogram TCM and Perform Drive Procedure)

2007 Cadillac Escalade, Escalade ESV, Escalade EXT
2007 GMC Yukon Denali, Yukon Denali XL with 6L80 Automatic Transmission (RPO MYC)
Built Prior to the Following VIN Breakpoints

Plant	VIN Breakpoint
Arlington	7R234718 (7/24/06)
Janesville	7J213410 (7/25/06)
Silao	7G157123 (8/01/06)

A hesitation, sag or lack of engine response while accelerating. This typically occurs after backing off the throttle then shortly stepping back in to a heavy or wide open throttle position. This condition may occur at any speed, but is most likely to occur after accelerating to 48 to 80 km/h (30 to 50 mph), backing off the throttle then stepping back in. A 1.5 to 2.5 second delay may occur before the vehicle resumes acceleration.

Frequent transmission shift cycling occurring on slight to moderate grades when in cruise control at vehicle speeds from 64 to 121 km/h (40 to 75 mph). The customer comment may include “too much vehicle speed variation from the desired cruise control seed setting” when the shift cycling is evident.

On the initial cold startup when ambient temperatures are below -22°C (-8°F) and an engine block heater is not used, the engine starts and may immediately stall. The engine will typically restart immediately and operate normally.

A revised transmission calibration has been developed to address these issues. Reprogram the transmission control module (TCM) with an updated software calibration. This new service calibration will be released with TIS satellite data update version 8.0 or later, available August 14, 2006. As always, make sure your Tech 2® is updated with the latest software version.

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