Preliminary Information

PIP4112R Normal Characteristic - Sag Or Hesitation On Acceleration

Models

Brand:	Model:	Model Years:	VIN: from	to	Engine:	Transmissions:
Buick	Enclave	2008 - 2012	All	All	All	All
Buick	LaCrosse	2010 - 2011	All	All	All	MH7
Buick	LaCrosse	2010 - 2013	All	All	All	MH2, MH4
Buick	Regal	2011	All	All	All	MH7
Cadillac	XLR	2006 - 2009	All	All	All	All
Cadillac	XLR-V	2006 - 2009	All	All	All	All
Cadillac	STS	2006 - 2011	All	All	All	All
Cadillac	STS-V	2006 - 2011	All	All	All	All
Cadillac	SRX	2007 - 2012	All	All	All	All
Cadillac	Escalade Models	2007 - 2017	All	All	All	All
Cadillac	CTS	2008 - 2017	All	All	All	All
Cadillac	CTS-V	2008 - 2017	All	All	All	All
Cadillac	ATS	2013 - 2017	All	All	All	All
Cadillac	ATS-V	2013 - 2017	All	All	All	All
Cadillac	CT6	2016 - 2017	All	All	All	All
Chevrolet	Corvette	2006 - 2017	All	All	All	All
Chevrolet	Avalanche	2007 - 2013	All	All	All	All
Chevrolet	Silverado	2007 - 2017	All	All	All	All
Chevrolet	Suburban	2007 - 2017	All	All	All	All
Chevrolet	Tahoe	2007 - 2017	All	All	All	All
Chevrolet	Colorado	2015 - 2017	All	All	All	All
Chevrolet	Malibu	2008 - 2011	All	All	All	MH8
Chevrolet	Malibu	2008 - 2013	All	All	All	MH2
Chevrolet	Equinox	2008 - 2012	All	All	All	MH2, MH4
Chevrolet	Equinox	2009 - 2011	All	All	All	MHC, MH7
Chevrolet	Traverse	2009 - 2012	All	All	All	All
Chevrolet	Cruze	2011	All	All	All	All
Chevrolet	Cruze	2012	All	All	All	MH9
Chevrolet	Camaro	2010 - 2017	All	All	All	All
Chevrolet	Express	2010 - 2017	All	All	All	All
Chevrolet	Caprice	2011 - 2017	All	All	All	All
Chevrolet	Captiva Sport	2012	All	All	All	MHJ, MHK
Chevrolet	Orlando	2012	All	All	All	All
Chevrolet	Sonic	2012	All	All	All	MH9
Chevrolet	Impala	2012 - 2013	All	All	All	All
Chevrolet	SS	2014	All	All	All	All
GMC	Sierra	2007 - 2017	All	All	All	All
GMC	Yukon Models	2007 - 2017	All	All	All	All
GMC	Canyon	2015 - 2017	All	All	All	All
GMC	Acadia	2008 - 2012	All	All	All	All
GMC	Terrain	2010 - 2012	All	All	All	MH2, MH7
GMC	Terrain	2010 - 2011	All	All	All	MHC, MH7
GMC	Savana	2010 - 2017	All	All	All	All
Hummer	H2	2008 - 2011	All	All	All	All
Pontiac	G6	2007 - 2010	All	All	All	MH2
Pontiac	G6	2009 - 2010	All	All	All	MH8
Pontiac	G8	2008 - 2009	All	All	All	All
Pontiac	Torrent	2008 - 2009	All	All	All	MH2, MH4

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			All from	All to		
Saturn	Aura	2007 - 2009 2009	All	All	All	MH2 MH8
Saturn	Outlook	2008 - 2010	All	All	All	MH2, MH4
Saturn	Vue	2008 - 2010	All	All	All	MH2, MH4

*Excludes vehicles equipped with Diesel Engines

Supersession Statement

This PI was superseded to update models and models years. Please discard PIP4112Q.

Condition / Concern

Some customers may comment on a sag or hesitation when accelerating under the following conditions:

When coasting at low speeds of less than 15 miles per hour with a closed throttle and then aggressively applying the throttle.
Examples of this maneuver include a rolling stop or a lane change maneuver. In this type of maneuver, even though the accelerator is applied aggressively, the throttle blade is opened slowly for up to 0.7 seconds to help minimize drive-line lash and clunking.
Also in a vehicle equipped with a six speed automatic transmission when making a hard, complete stop with a closed throttle, immediately followed by an aggressive throttle opening the transmission down-shifts may not be completed by the time the throttle is opened.
As a result approximately 0.5 seconds of "zero" torque may be commanded to allow the shift to first gear to occur.

Recommendations / Instructions

Both of the above conditions are a result of Torque Management and both of these conditions should be considered normal and no repairs should be attempted.
Please follow this diagnostic or repair process thoroughly and complete each step.
If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.
Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.