



Service Bulletin

PRELIMINARY INFORMATION

Subject: Power Lift Gate Inoperative With DTC B153A

Models: 2008 - 2013 Buick Enclave
2010 - 2013 Cadillac CTS Wagon
2007 - 2013 Cadillac SRX
2007 - 2013 Cadillac Escalade, Escalade ESV
2007 - 2013 Chevrolet Avalanche, Tahoe, Suburban
2009 - 2013 Chevrolet Traverse
2007 - 2013 GMC Yukon Models
2007 - 2013 GMC Acadia
2007 - 2010 Saturn OUTLOOK
with Power Lift Gate (RPO E61 or TB5)

This PI was superseded to update model years. Please discard PIT4041C.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

Some customers may state that the power lift gate (RPO E61 or TB5) is inoperative. After initial diagnosis, you may find a current or history DTC: B153A set in the power lift gate control module. After inspecting parts returned to the warranty parts center, we have found several power lift gate control modules returned with no trouble found.

Recommendation/Instructions

Please use the following information below when diagnosing an inoperative lift gate with DTC: B153A set.

1. Disconnect the connector at the Lift gate Latch Assembly. With the lift gate latch connector disconnected, the 3 signals for the ratchet, pawl, and the sector should be inactive on the scan tool.
2. Install a 3A fused jumper wire between each signal circuit terminal (for the pawl, sector, and ratchet) and the ground circuit terminal 2. Monitor the scan tool as each individual circuit is jumpered to ground, the scan tool should read "active".
3. If either test above fails, check the wiring for the signal circuits, low reference circuit, or try a power lift gate control module from a known good vehicle.
4. If both tests above pass, monitor the internal switch inputs in the lift gate latch assembly for proper operation.
 - 4.1. With the lift gate in the open position, the ratchet and the pawl should read "active" and the sector should read "inactive."
 - 4.2. With the lift gate in the secondary latched position, the pawl should read "inactive" and the ratchet and sector should read "active."
 - 4.3. With the lift gate fully closed, the pawl, ratchet, and the sector should all read "inactive."
5. If one of the internal lift gate latch assembly switch inputs are not reading correctly in one of the positions above and the vehicles passes test 1 and 2 above, replace the Lift Gate Latch Assembly.

Warranty Information

The correction for this concern may be one of several repairs described above. For vehicles repaired under warranty, please use the appropriate warranty labor operation based on the actual cause and repair.

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.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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