



Bulletin No.: PIT5282G

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Preliminary Information

PIT5282G Procedure for Installation of an Aftermarket Trailer Brake Controller or In Lieu of Factory Trailer Brake Controller

Models

Brand:	Model:	Model Years:	VIN: from to	Engine:	Transmissions:
Cadillac	Escalade	2015 - 2020	All All	All	All
Chevrolet	Silverado 1500	2014	All All	All	All
Chevrolet	Silverado	2015 - 2018	All All	All	All
Chevrolet	Silverado LD	2019	All All	All	All
Chevrolet	Silverado 2500/3500	2019	All All	All	All
Chevrolet	Suburban	2015 - 2020	All All	All	All
Chevrolet	Tahoe	2015 - 2020	All All	All	All
GMC	Sierra 1500	2014	All All	All	All
GMC	Sierra	2015 - 2018	All All	All	All
GMC	Sierra Limited	2019	All All	All	All
GMC	Sierra 2500/3500	2019	All All	All	All
GMC	Yukon Models	2015 - 2020	All All	All	All

Supersession Statement

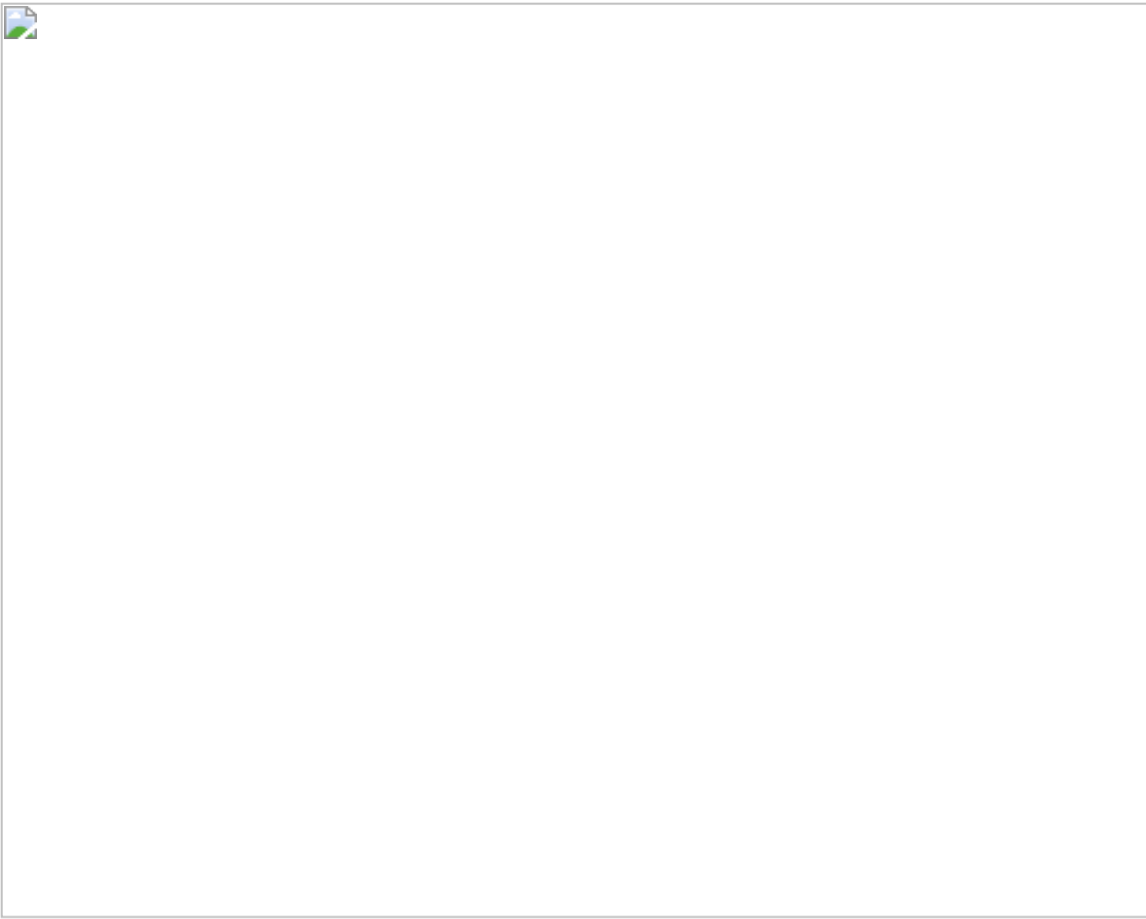
This PI was superseded to update the correction. Please discard PIT5282F.

Condition / Concern

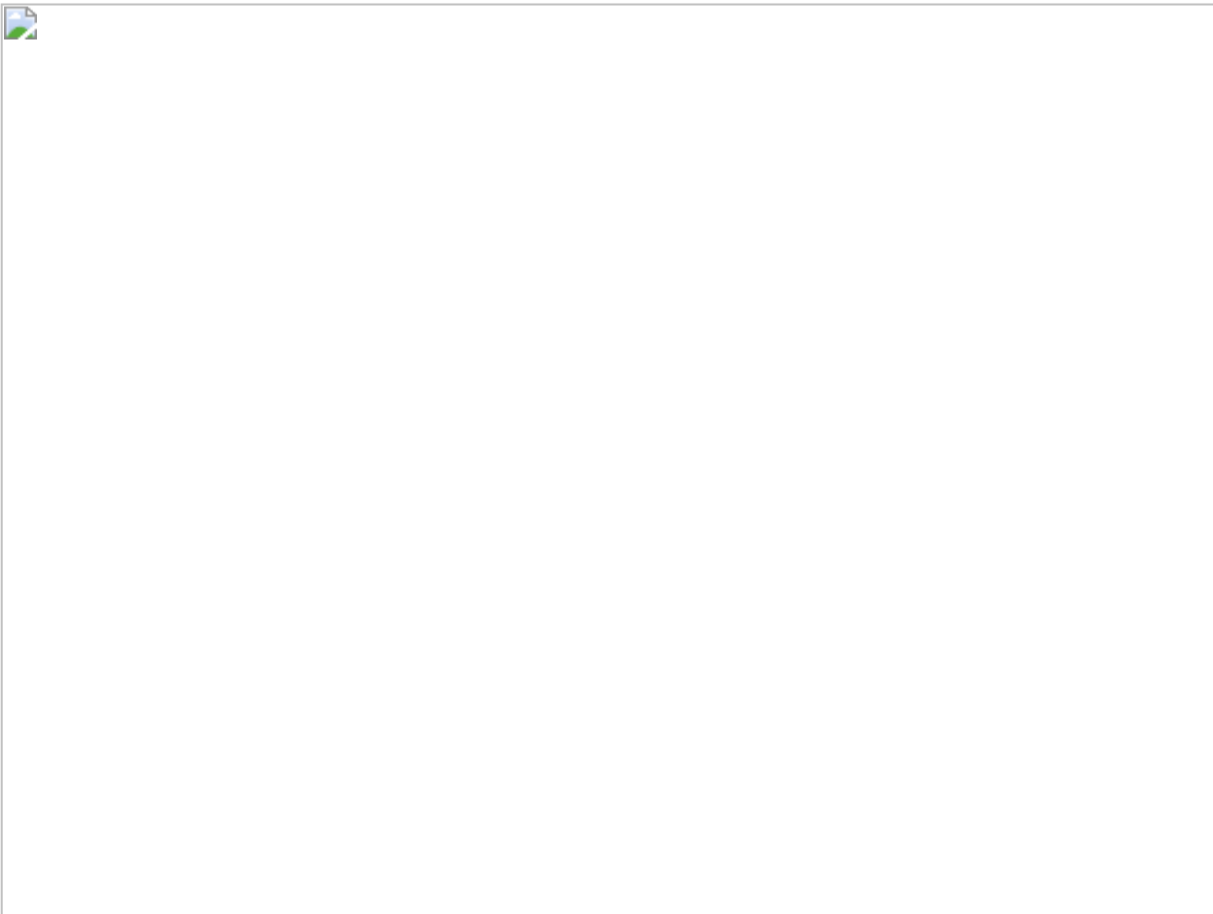
Some customers may request to have an aftermarket trailer brake controller added to their vehicle, OR an aftermarket trailer brake controller added in lieu of the factory integrated trailer brake controller (ITBC) (RPO JL1).

Recommendations / Instructions

- 1. Obtain a trailer brake controller harness, GM Part # 23184088, as shown below.**



2. Connect the harness to the MID-BEC (X61A). The MID-BEC is located under the I/P to the left of the steering column. The harness connection point (1) is illustrated below.



3. The trailer brake controller harness consist of 4 blunt cut wires and a label that calls out the wire colors and each wire's function, also shown below. Use these 4 blunt cut wires to connect to the aftermarket trailer brake control.

Four Blunt Cut Wires		
Dark Blue	Circuit 47	Brake Output To Trailer
Red/Green	Circuit 242	Battery Power (30 AMP)

White/Blue	Circuit 3691	Brake Signal
Black	Circuit 1050	Ground

4. Perform this step ONLY if equipped with RPO JL1 where the customer is requesting the factory trailer brake system be bypassed to add an aftermarket trailer brake controller. Locate connector X185 Or X138 (varies with vehicle build; refer to SI), which is near the underhood fuse block, terminal 32. Circuit 47 ends at the body harness side of X185 or X138 terminal 32, which comes from the X61A junction block. Obtain enough Dark Blue 12 gauge wire to run from X185 or X138 to the 7-way trailer connector at the bumper. Attach terminated lead part number 13327155 to one end of the Dark Blue and insert into the chassis harness side of the X185 or X138 connector terminal 32. Run the Dark Blue wire in its own conduit along the frame to the 7-way trailer connector at the bumper. Remove circuit 47 from the 7-way trailer connector terminal “C” and tape the bare terminal and attach to the harness. Attach terminal part number 12110853, located in Delphi Tray 4, to the other end of the Dark Blue wire, with the correct weather pack seal, and insert it into the 7-way trailer connector terminal “C.”

Important: The procedure in Step 4 will not result in any trailer brake related service messages or DTCs to be set. The operator will still be able to adjust gain and access the “Trailer Gain / Output” display page in the DIC. However, the factory installed trailer brake system will not sense a trailer connection and will not provide output to the trailer. Also, the factory trailer brake control module diagnostics will continue to function and if a fault is detected, a “Service Trailer Brake System” message will be displayed on the driver information center (DIC) and an appropriate DTC will be stored.

Parts Information

Part Number	Description	Qty
23184088	Trailer Brake Controller Harness	1

Warranty Information

If the customer wishes to have an aftermarket brake controller installed in their vehicle, it would be considered as a Customer Pay option.

 GM Global Brands

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