



Service Bulletin

PRELIMINARY INFORMATION

Subject: Diagnostic Tip: EL-51578 MOST Bus Diagnostic Tool Kit

Models: 2014-2017 All Passenger cars and Light Duty trucks
2013 Cadillac Passenger cars
Equipped with RPO's IO3, IO4, IO5, IO6, RAO, or UY4

This PI was superseded to update Recommendation/Instructions. Please discard PIC6073B.

Condition/Concern

The MOST Bus Diagnostic Tool Kit (EL-51578) has been released to help diagnose any of the following MOST bus concerns and/or Radio DTC U0028 sym00:

Blank radio display

Steering Wheel Controls inoperative

DIC audio information page blank

Audio inoperative with normal chime operation

Radio Controls inoperative

The diagnostic information below may be helpful if any of these concerns are encountered.

Recommendation/Instructions

If any of the concerns above are encountered, review MOST BUSS Description and Operation and U0028 diagnostic procedures.

Always perform "Diagnostic System Check" prior to diagnosing a Radio U0028 sym00. If a MOST buss module has a circuit or terminal fault, (power, ground, GMLAN/ECL wake up) then this would be the probable cause of the Radio U0028 sym00.

The EL-51578 MOST Bus Diagnostic Tool Kit has been released to aid in diagnosing MOST buss concerns. The kit contains header connectors that are installed to bypass MOST bus modules. The bypass connectors also contain a terminal for verifying ECL voltages (MOST control circuit). The kit does not contain a bypass for the radio, which is the master of the buss.

The Radio U0028 sym00 will be used to determine MOST buss state of health. If the module with the concern is bypassed, the Radio U0028 sym00 will report as history. Infotainment functions will return with the exception to what the bypassed module controls. For example, if the amplifier is bypassed and DTC U0028 sym00 changes from current to history, ignore the symptom of no audio as the amplifier is bypassed. Other examples, display will be inoperative with HMI bypassed. DIC and steering wheel controls will be inoperative with IPC bypassed. CD/DVD will be inoperative with Media disc player bypassed.

Usually there may be 1 of 2 modules suspect with a current Radio U0028 sym00 set depending on which Node positions are listed. If both of these 2 suspect modules are bypassed and the Radio U0028 sym00 stays current, check the MOST bus circuits and ECL for opens, shorts, high resistance, or terminal concerns.



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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