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2004 Cadillac CTS

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# Unable to Program Tire Pressure Sensors - keywords calibration DTC light message monitor PDM suspension #PIT3542 - (Apr 19, 2005)

Unable to Program Tire Pressure Sensors

2004-2005 Cadillac CTS-V, SRX, XLR

2005 Cadillac STS With RPO UJ6

2004-2005 Cadillac Escalade, Escalade EXT with Tire Pressure Monitoring

2004-2005 Chevrolet Corvette

2004-2005 Chevrolet 1500 series Avalanche, Suburban, Tahoe with Tire Pressure Monitoring

2004-2005 GMC 1500 series Yukon/Denali, Yukon XL/Denali with Tire Pressure Monitoring

2006 Hummer H3

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

## Condition/Concern:

When programming a tire pressure sensor using the Tire Pressure Monitor Diagnostic Tool (J-46079), you may experience a concern where the vehicle will enter program mode but the sensor will not learn to the vehicle.

## Recommendation/Instructions:

If encountering difficulty learning the tire pressure sensors, check the condition of the batteries that are installed in the TPM Diagnostic tool. When the internal battery is fresh (fully charged), the indicator is

"full" or all dark. When the battery is depleted, the indicator shows "empty" or all light.

When the battery is low enough to show empty, the tool may perform some functions, but not others. For instance, it may perform the Simulate function, but not the Learn function. This can be misleading to the user because the display on the tool may show the icon "waves transmitting" but the tool is not actually waking up the sensor. If you cannot get a vehicle to learn, don't assume the sensors are bad. The tool may just need fresh batteries.

If the concern still exists, and fresh batteries did not solve the issue, perform normal diagnosis and check the part number of the suspect sensor, making sure that it is correct for the Year, Make, and Model of the vehicle.

Please follow this diagnosis 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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