

Multiple Indicators and MIL On with A/T DTC P26C3

AFFECTED VEHICLES

2016–17 MDX, 2017 NSX, 2014–17 RLX Sport Hybrid, and 2015–17 TLX

EDITOR'S NOTE: This article revises the one posted in **January 2017**. Changes are highlighted in **yellow**.

Do you have a vehicle that has multiple indicators on or won't go into gear and the MIL is on with A/T DTC P26C3 (internal control module transmission range sensor performance)? There may be debris in the Reverse or Neutral shift buttons of the shift by wire (SBW) shifter assembly that's causing them to stick. Typical debris are particles in the Reverse shift button or sticky residue in the Neutral shift button from something that spilled.



We're working to improve the durability of those shift buttons, but until there's a fix available, here's what you can do to address this issue.

1. Check for debris in either shift button.
 - If you find particles in the Reverse shift button, pull it back and remove them either with a vacuum or a pair of tweezers. If you find sticky residue in the Neutral shift button, remove the residue with a clean cloth dampened with fresh water. When you're done, go to step 2.
 - NOTE:** Avoid using liquids, chemicals, or pressurized air to remove debris; you could damage the buttons. Also, be sure to let the service consultant know that you found debris so he or she can educate your client on just how seriously it can affect transmission performance.
 - If you don't find any debris in either shift button, go to step 2.
2. With the engine shut off, work each shift button of the SBW shifter assembly one at a time.
 - If any shift button is hard to press, slow to return, or doesn't fully return, replace the SBW shifter assembly, then go to step 3.
 - If all of the shift buttons work OK, go to step 3.

3. Clear the DTC, start the engine, and with the parking brake set and the brake pedal pressed, work the Park, Reverse, Neutral, and Drive shift buttons one at a time, waiting **15 seconds** between each gear change. Then, repeat this three more times, and wait **2 minutes** before shutting off the engine.
 - If the DTC doesn't reset and the transmission shifts normally, you're done.
 - If the DTC resets or the transmission doesn't shift normally, replace the SBW shifter assembly.

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