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A/T DTC P0901: Description and Troubleshooting

AFFECTED VEHICLES

2015 TLX V6

We've created a **new** A/T DTC to detect abnormal circuit resistance in the clutch pressure control solenoid valve circuits. It's A/T DTC P0901 (clutch actuator circuit range/performance).

The TCM monitors the actual current values and compares them to the target current value. If they deviate more than the upper limit of the specified pressure control target value, the TCM sets this DTC.

When it sets, the A/T goes into failsafe gear hold mode and you see a **Transmission System Problem** message on the MID. The MIL also comes on, and the **D** shift button indicator on the electronic gear selector and the **D** gear position indicator in the instrument panel blinks.

If you get a vehicle with these symptoms, chances are the failure is in the harness between the TCM and the solenoid inside the transmission.

Keep in mind, at this time, if DTC P0901 sets, the i-HDS will read it but you won't see any DTC description and you won't find any standard DTC troubleshooting in the service information. We'll be adding a DTC description to the i-HDS as well as troubleshooting to the service information, but until they're available, here's what you can do:

1. Turn on the ignition, connect the i-HDS, and check for DTCs.
   - If you see A/T DTC P0901, go to step 2.
   - If you don't see A/T DTC P0901, follow the troubleshooting for the DTC that's displayed.
2. Unplug the TCM subharness 26-pin connector and TCM 58-pin connector, then inspect the two connectors and the subharness.
   - If you find any problems with the two connectors or the subharness, replace the subharness.
   - If the connections and subharness are OK, replace the transmission.

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