



STAR ONLINE PUBLICATION



Case Number: S231800006

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Symptom/Vehicle Issue: Low Power, Transmission Will Not Upshift On Moderate To Heavy Accelerations.

Discussion: Some customers may experience a low power, or no transmission upshift condition during moderate to heavy accelerations. Typically, there will not be any Diagnostic Trouble Codes (DTCs) set, or warning messages illuminated when this happens.

If the technician is working on a vehicle with the above condition, please perform the following diagnostic procedure to see if the issue is due to a possible internal restriction in the chassis fuel supply line.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.



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Diagnostic Procedure:

1. Install the fuel pressure/decay tool (8978A) inline at the chassis fuel supply line connection towards the front of the vehicle. Please see (Figure 1).



Figure 1.

2. Start the vehicle and raise the RPM by quickly applying over 50% throttle.
3. Compare the fuel pressure reading on the decay tester to the Fuel Pressure/Low Side Fuel Pressure reading in the wiTECH Powertrain Control Module (PCM) data tab. The readings should be equal between 50-60 psi. Did the fuel pressure reading on the decay tester drop while the wiTECH data remained near steady near 50-60 psi?
 - a. Yes>>> Replace the chassis fuel line bundle.
 - b. No>>> This document no longer applies. Please refer to normal published diagnostics.

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