

STAR ONLINE PUBLICATION

Case Number: S2008000063

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Symptom/Vehicle Issue: Malfunction Indicator Lamp (MIL) on. Diagnostic Trouble Codes (DTCs) P2463 – Diesel Particulate Filter Soot Accumulation, and P2453 – Diesel Particulate Filter Differential Pressure Sensor Circuit Performance Set.

Discussion: If you receive a vehicle in with the above DTCs, please follow normal published diagnostics for P2453. During diagnosis, pay close attention to the DPF differential pressure sensor circuits K354, K355, and K951. See (Figure 1) for WK, and (Figure 2) for DS. Trace each circuits for any opens, high resistance, or loose terminal pin fit. Especially through any inline connection. Repair as necessary.

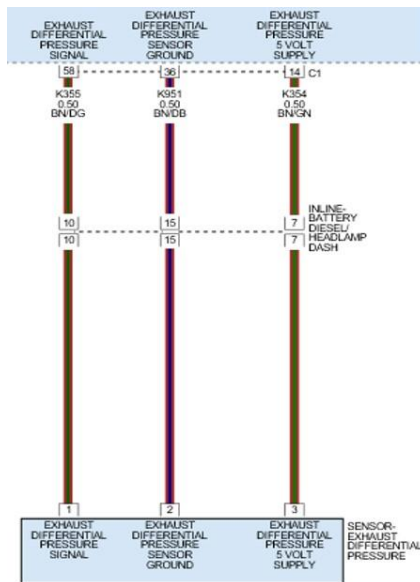


Figure 1.

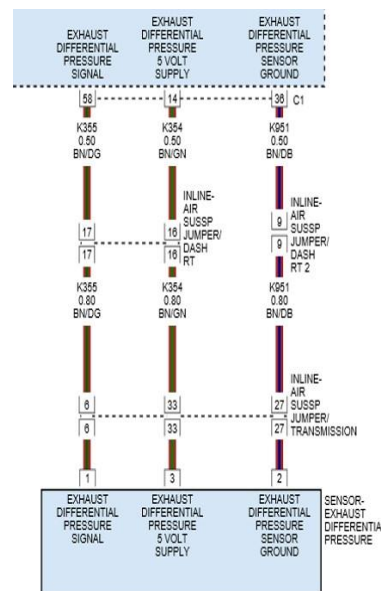


Figure 2

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 or eCONTACT ticket if no solution is found

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In addition, also trace the PCM ground circuits, for opens, or high resistance. See (Figure 3) for WK, (Figure 4) for DS. If necessary remove, and clean the ground, and retest for the DTCs.

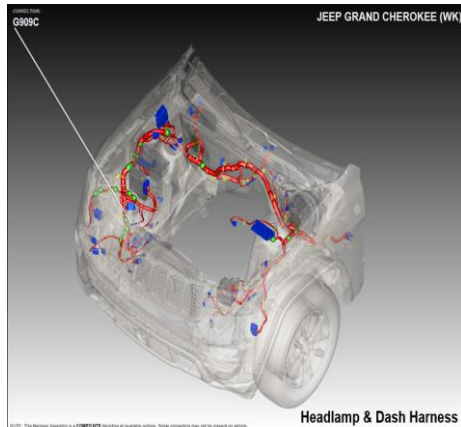


Figure 3

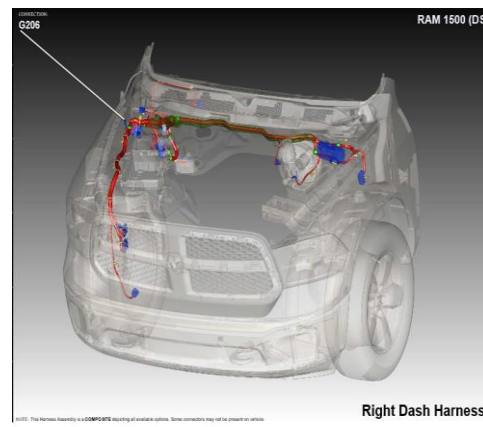


Figure 4

NOTE: Once all wiring has been verified, and any repairs have been made, it may be necessary to perform a Service Regeneration due to DTC P2463.

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