

GPOP - Issue Review System

Part Number: 68414233A\$

Part Description: Switchbank 4 gang

Issue Description: The customer will notice either one or two of the following conditions:
1. Fuel Door is Not opening when Fuel door Switch is pushed. Technician Observe the DTC P04CB-FUEL FILL DOOR OPEN REQUEST SENSOR-SWITCH CIRCUIT HIGH. 2. Drives Modes do not work when Switch is pressed (Hybrid, Electric, E-save). Technician Observe DTC U113B-LOST COMMUNICATION WITH SWITCH BANK MODULE. Procedure: If during vehicle Scan diagnostics besides DTC's P04CA, P04CB or U113B. there are another DTCs Repair it First accordingly. DTC's may be related to main ECU's like: HCP, BCM, PCM, etc. If DTC P04CB and/or U113B are still present, then follow the following action before replacing the Switch:
1. Read vehicle DTCs while the IGN ON. 2. Verify ESBM feed fuse state. Replace the fuse if needed. 3. Wiggle the ESBM harness takeout (LIN and ESBM feed takeout) and monitor the state of DTC P04CB and/or U113B. o If this step affects DTC P04CB and/or U113B. behavior, the issue is likely related to a failure in the harness. 4. Disconnect the harness from the ESBM and confirm there not any damage, like bend PINs, corrosion, etc. 5. Confirm Harness continuity. 6. Verify power to ESBM by back probing the ESBM connector o If voltage is lower than 11.8V, follow normal procedures for low batteries. - If there no damage in the harness nor the connector and pins of the ESBM, reconnect it ensuring the harness connector is being fully engaged into the ESBM connector. 7. Confirm Continuity of the harness from the ESBM connector to the BCM connectors. 8. Reconnect the ESBM and then Verify LIN bus activity with Mopar scope. o Config scope to LIN monitor if feasible. o Replace the ESBM only based confirmation from the LIN diagnostic. 9. With the scan tool, read DTCs. If still DTC are set, replace ESBM (Fuel door and drive modes Switch module) in accordance with the Service Information. Flag the part to be returned to supplier for further part analysis.