



SSM 53979 2024-2025 Ranger - "Check Charging System" Message Displayed In The IPC - DTCs U012D, U0284, And/Or U042E Stored In The PCM

Some 2024-2025 Ranger vehicles may exhibit a "Check Charging System" message displayed in the instrument panel cluster (IPC) with diagnostic trouble codes (DTC) U012D, U0284, and/or U042E stored in the powertrain control module (PCM). This may be due to corrosion found in the active grille shutter lower connector (C1767). If no corrosion is found in this connector, refer to the Workshop Manual (WSM), Section 414-00 for normal diagnostics. If corrosion is found, replace the connector and active grille shutter (AGS) actuator (base part number: 10884). To aid in engineering investigation, when removing the corroded connector cut the wires about 3 inches (76 mm) from the connector to ensure adequate wire is left for analysis. If the corrosion condition is encountered, use the "Submit Global Concern Report (GCR)" link at the upper right of the Vehicle ID tab to submit a report and reference this article number in the report. For claiming, use causal part 14290 and labor operations 12650D, 12650D45, 12650D45WR, 12650D78LW, 12650D78BU, 12650D78CM, and/or 12650D78TD in Section 10 of the Service Labor Time Standards (SLTS) Manual.