

SSM 51515

2020-2023 Explorer/Aviator - Start/Stop Push Button Ignition Switch - Illuminated MIL/Wrench Light With Various DTCs - Updated WSM Diagnostics

2020-2023 Explorer/Aviator with start/stop push button ignition switch may exhibit an illuminated malfunction indicator lamp (MIL) and powertrain malfunction (wrench) indicator with diagnostic trouble code (DTC) B108A:01 (general electrical failure), B108A:24 (signal stuck high), and/or B108A:9E (stuck on). The ignition mode light emitting diode (LED) indicator may also flash quickly. This condition may be caused by loose wiring terminal crimps on connector C2195 at the push button ignition switch. Examine Pin 1 (CPK34/Gn) first, since it is the only pin with the smallest (26 gauge) wire. To correct this condition, repair terminal crimps per Wiring Diagram (WD) Cell 5. If no wiring terminal faults are found, refer to Workshop Manual (WSM) Section 211-05 for normal diagnostics. The push button ignition switch pinpoint tests in the WSM have been updated.