



TECH TIPS

Dixie Part Numbers: TBA

Applications: 2008 – 2011 Chevrolet Tahoe Two-Mode Hybrid
2008 – 2011 GMC Yukon Two-Mode Hybrid
2009 – 2011 Cadillac Escalade Two-Mode Hybrid
2009 – 2011 Chevrolet Silverado Two-Mode Hybrid
2009 – 2011 GMC Sierra Two-Mode Hybrid

Condition: The technician may find the following diagnostic codes stored in the system with the engine failing to start:

| | | | | |
|-------|-------|-------|-------|-------|
| C0531 | C0895 | C129F | P0AB9 | P1AE4 |
| P1A88 | P1B05 | P1B06 | P16F9 | U0073 |
| U0074 | U0125 | U0410 | U0895 | U1818 |
| U1866 | | | | |

Cause: The proper procedure needs to be followed when working on the high voltage battery, if not it will cause the vehicle to go into a safe mode and prevent starting.

Correction: Follow the manufacturer's recommended procedures which include:

- 1) Diagnose codes P1AE2-P1AE4, P1B05 and/or P1B06 first. These codes are initiated when the high voltage system has been serviced and a service part not fully seated such as the generator control module sight shield or the 2 wire connector at the transmission 3 phase cable cover.
- 2) Diagnose communication error codes U0073, U0074, U0125, U0410, U0895, U1818 and/or U1866 taking care to inspect the powertrain expansion bus and the high speed LAN bus.
- 3) Diagnose and check the vehicle's 12V battery system.