

## J2534 Python 1B Release Notes

**Product Revision : 9.03**

**Release Date: 10/31/2007**

### Component Revisions :

| No. | Components/Files        | Comments   | Revision |
|-----|-------------------------|--|----------|
| 1.  | CuxdP404.dll            |  | 9.01     |
| 2.  | DgP40432.dll            | J2534 Python1B Main DLL  | 9.03     |
| 3.  | MidxP404.dll            |  | 9.01     |
| 4.  | Python Firmware         |  | 9.01     |
| 5.  | Python Hardware         |  | 1B       |
| 6.  | Python1BConfig0404.exe  | Configuration Utility for Hardware Setting and Window Registry | 4.02     |
| 7.  | J2534SDK.exe            | Sample Application   | 5.00     |
| 8.  | J2534 Standard Document |  | 04.04    |
| 9.  | PythonReflash.exe       | Python 1B Reflash Application                                  | 1.042    |

### Changes/Additions :

| No. | Features   | Issue Code | Comments                    | Ref. Section in J2534 Document | Bug ID |
|-----|--|------------|-----------------------------|--------------------------------|--------|
| 1.  | The DLL treats ISO15765 STmin as 3 if being set to 0, 1, or 2.                                   | SI         | DGP40432.dll                |                                |        |
| 2.  | The DGP40432.dll is fixed to clean up after a communication error when PassThruOpen() is called. | SI         | DGP40432.dll                |                                |        |
| 3.  | The PythonReflash.exe is fixed to detect the Python on Vista.                                    | SI         | Change in PythonReflash.exe |                                |        |
| 4.  | The Vista USB drivers are added in the installation.   | SI         | USB Driver Installation     |                                |        |

### DLL Known Bugs :

| No. | Issues/Features  | Issue Code | Comments                | Ref. Section in J2534 Document | Bug ID |
|-----|--|------------|-------------------------|--------------------------------|--------|
| 1.  | SCP Priority/Type Byte (1 <sup>st</sup> byte of received msg) is always set to 0 | DI         | Firmware Feature Design |                                | 138    |

**Firmware Known Bugs :**

| No. | Issues/Features   | Issue Code | Comments       | Ref. Section in J2534 Document | Bug ID |
|-----|---|------------|----------------|--------------------------------|--------|
| 1.  | When transmitting J1850VPW message of less than 4 bytes, it gets treated as a received message instead of a transmitted message | DI         | Firmware Issue |                                | 1348   |

**Not Supported :**

| No. | Features   | Issue Code | Comments  | Ref. Section in J2534 Document | Bug ID |
|-----|--|------------|---|--------------------------------|--------|
| 1.  | SAE J2610 DaimlerChrysler SCI  | SI         | Not Implemented   | 6.5.7                          | 147    |
| 2.  | “Priority specified by Bit 8” in Bit 11 of Flags for PassThruConnect | DI         | The firmware does not allow to set the priority.  | 7.2.1.3 (Bit 11)               | 917    |
| 3.  | “ Both Std & Ext CAN ID” in Bit 11 of Flags for PassThruConnect      | DI         | The firmware has some restrictions  | 7.2.1.3 (Bit 11)               | 918    |
| 4.  | Protocol Ids   | SI         | Not Implemented<br>Protocol Ids for :<br>SCI_A_ENGINE<br>SCI_A_TRANS<br>SCI_B_ENGINE<br>SCI_B_TRANS | 7.2.1.4                        | 147    |

|     |  |    |   |                 |     |
|-----|--|----|---|-----------------|-----|
| 5.  | SCI Data Format  | SI | SCI protocol not supported.                               | 8.3.7           | 147 |
| 6.  | SCI Data Format Error Detection  | SI | SCI protocol not supported                                | 8.3.7.1         | 147 |
| 7.  | RX_BREAK in RxStatus flag  | DI | The firmware does not report.                             | 8.4.1 (Bit 2)   | 920 |
| 8.  | Programmable Power Supply  | DI | Firmware does not support.                                | 6.7             | 148 |
| 9.  | ISO15765-2 Extended Addressing method  | DI | Python Library does not support                           | 7.2.1.3 (Bit 7) | 921 |
| 10. | GET_CONFIG not supported for :<br>T1_MAX, T2_MAX,<br>T4_MAX, T5_MAX,<br>ISO15765_STMIN   | DI | Firmware does not support.                                | 7.3.1           | 922 |
| 11. | SET_CONFIG not supported for :<br>T1_MAX, T2_MAX,<br>T4_MAX, T5_MAX,<br>ISO15765_STMIN   | DI | Firmware does not support.                                | 7.3.2           | 922 |
| 12. | READ_PROG_VOLTAGE  | DI | Firmware does not support.                                | 7.3.4           | 149 |
| 13. | Python does not support 83333 bps for SCP  | DI | Firmware does not support that data rate on that protocol | 6.5.3           | 228 |
| 14. | Python does not support 41666 bps for Class 2  | DI | Firmware does not support that data rate on that protocol | 6.5.3           | 881 |
| 15. | Python does not communicate with messages longer than 12 bytes long for J1850VPW   | DI | Firmware does not support block transfer mode.            | 8.3.4           | 883 |
| 16. | Python USB is limited to 57,600 baud for serial port setting and Python RS-232 is limited to 28,800 baud for serial port setting | DI | Firmware supports that baud rate                          |                 | 144 |
| 17. | This release has been tested on Windows NT 4.0, 95C, 98, 2000, and XP.   | NA |   |                 | 923 |

**Issue Code :**

SI – Software Issue (Bugs/Issues in the J2534 software)

DI – Dependency Issue (Bugs/Issues in the external dependencies, e.g. firmware, hardware, interface library etc.)  
NA – Not Applicable