Column Name	Description of Data	Value Range or Value Type	Expected Format of Data to Output File
Data Source Information			
TIME	The time in milliseconds referenced from the creation time of the log file.	Resolution of 1 millisecond	ASCII text
MESS_TYPE	The message type for this data line. Was it a message sent to the vehicles or received from the vehicle.	Shall be "RX MSG:" for messages received from the vehicle and "TX MSG:" for messages sent to the vehicle.	ASCII text
PROTOCOL	The protocol used for each line of communication.	JPWM1850, JVPW1850, I9140808, I9149494, ICAN11bt, ICAN29bt, “KWPS” followed by the hex keywords (key byte 2 then key byte 1) without a space (e.g., “KWPS8FE9”), “KWPF” followed by the hex keywords (key byte 2 then key byte 1) without a space (e.g., “KWPF8F6B”)	ASCII text
DATA	The data message sent or received from the vehicle's OBDII system. The data shall be ASCII text that represents the raw Hex values sent over the OBDII system.	Hex represended as ASCII	ASCII text

DAD-Vehicle Communication Log File Requirements

File Name

The file name of the Log file shall contain the 16 character GUID supplied by calling function. (all chars are ASCII 48-57 and 97-122) and have the text "_VEH" appended at the end of the GUID. The files extension shall be three characters only and shall by ".log". The Log file shall be a standard ASCII text file.

Examples:
c7a93487b68d6d10_VEH.log
4018204dbd519d20_VEH.log

File structure

Data header (First line of file):

The first line of the file shall contain the version of the software creating the log file. Example: "DAD_DLL_VERSION_1.0"

Data lines of the file:

The remaining lines of the file shall be the communication data as sent and received from the vehicles OBD-II system and shall be formatted as outlined in "Data Layout" columns B through D. Since this is a log file, the data may be separated by spaces. Delimiting is not required, but may be done.

General File Requirements

The file shall be a standard "TXT" file, with a ".log" extension, that is compatible with Microsoft Excel/Word 2003/2007/2010.

DAD_DLL_VERSION_1.0

4500ms	TX MSG:	J1850PWM	61 6A F1 03
4500ms	RX MSG:	J1850PWM	01 6B FD 43 03 04 05 07 22 41
5156ms	TX MSG:	J1850PWM	61 6A F1 07
5812ms	TX MSG:	J1850PWM	61 6A F1 0A
6468ms	TX MSG:	J1850PWM	61 6A F1 09 00
6468ms	RX MSG:	J1850PWM	01 6B FD 49 00 01 FC 00 00 00
6625ms	TX MSG:	J1850PWM	61 6A F1 09 00
6625ms	RX MSG:	J1850PWM	01 6B FD 49 00 01 FC 00 00 00
7281ms	TX MSG:	J1850PWM	61 6A F1 09 01
7281ms	RX MSG:	J1850PWM	01 6B FD 49 01 05
7937ms	TX MSG:	J1850PWM	61 6A F1 09 02
7937ms	RX MSG:	J1850PWM	01 6B FD 49 02 01 00 00 00 31
7984ms	RX MSG:	J1850PWM	01 6B FD 49 02 02 31 31 31 31
8046ms	RX MSG:	J1850PWM	01 6B FD 49 02 03 31 31 31 31
8093ms	RX MSG:	J1850PWM	01 6B FD 49 02 04 31 31 31 31
8140ms	RX MSG:	J1850PWM	01 6B FD 49 02 05 31 31 31 31
8796ms	TX MSG:	J1850PWM	61 6A F1 09 03
8796ms	RX MSG:	J1850PWM	01 6B FD 49 03 04
9453ms	TX MSG:	J1850PWM	61 6A F1 09 04
9453ms	RX MSG:	J1850PWM	01 6B FD 49 04 01 31 31 31 31
9500ms	RX MSG:	J1850PWM	01 6B FD 49 04 02 31 31 31 31
9578ms	RX MSG:	J1850PWM	01 6B FD 49 04 03 31 31 31 31
9625ms	RX MSG:	J1850PWM	01 6B FD 49 04 04 31 31 31 31
10296ms	TX MSG:	J1850PWM	61 6A F1 09 05
10296ms	RX MSG:	J1850PWM	01 6B FD 49 05 04
10968ms	TX MSG:	J1850PWM	61 6A F1 09 06
10968ms	RX MSG:	J1850PWM	01 6B FD 49 06 01 FF FF FF FF
11015ms	RX MSG:	J1850PWM	01 6B FD 49 06 02 FF FF FF FF
11078ms	RX MSG:	J1850PWM	01 6B FD 49 06 03 FF FF FF FF
11125ms	RX MSG:	J1850PWM	01 6B FD 49 06 04 FF FF FF FF
11796ms	TX MSG:	J1850PWM	61 6A F1 01 00
11796ms	RX MSG:	J1850PWM	01 6B FD 41 00 C0 10 20 00
11953ms	TX MSG:	J1850PWM	61 6A F1 01 01
11953ms	RX MSG:	J1850PWM	01 6B FD 41 01 03 07 FF 00
12109ms	TX MSG:	J1850PWM	61 6A F1 01 00
12109ms	RX MSG:	J1850PWM	01 6B FD 41 00 C0 10 20 00
12281ms	TX MSG:	J1850PWM	61 6A F1 01 01
12281ms	RX MSG:	J1850PWM	01 6B FD 41 01 03 07 FF 00
12437ms	TX MSG:	J1850PWM	61 6A F1 01 02
12437ms	RX MSG:	J1850PWM	01 6B FD 41 02 FF FF
12593ms	TX MSG:	J1850PWM	61 6A F1 01 0C
12593ms	RX MSG:	J1850PWM	01 6B FD 41 0C 0A F0
12750ms	TX MSG:	J1850PWM	61 6A F1 01 13
12750ms	RX MSG:	J1850PWM	01 6B FD 41 13 00