SERVICE BULLETIN

Reference number:	**SB-30-1282V2**	**Issued: 03rd December 2020**
Subject:	**Set Up Guide for Dataloggers**	
Model(s):	**DB9, DB11, DBS Superleggera, Vantage 19MY, Vantage (2006-2017), Rapide, Vanquish**	
VIN Range:	**N/A**	
Applicable to:	**All Dealers**	
Distribute to:	**Head of Business** **After Sales Manager** **Service Manager** **Sales Manager** **Warranty Staff** **Technician(s)** **Parts Staff**	

Reason for this Service Bulletin

Dataloggers are not standard workshop equipment, but AMTech can ask you to use one in a Customer vehicle to help diagnose an issue. This Service Bulletin gives instructions on how to use the Influx Dataloggers.

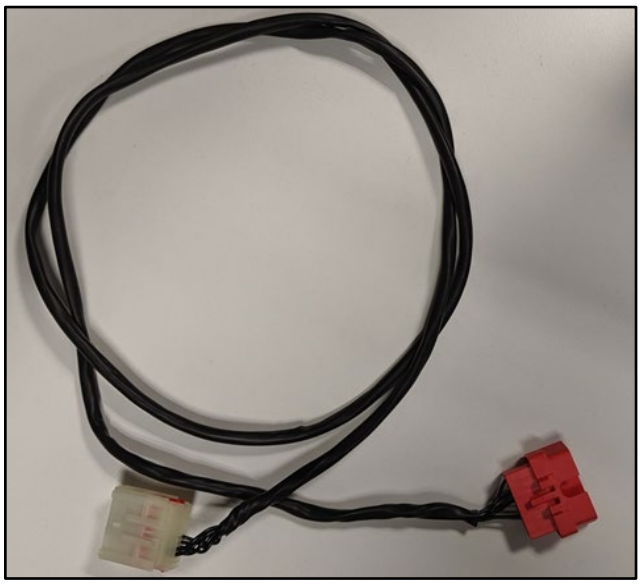
This bulletin has the parts that follow:

1. Equipment list
2. Configuration Cover Sheet
3. Software Setup
4. Connection Guides
5. Access IVD files

1. Equipment list

Influx datalogger

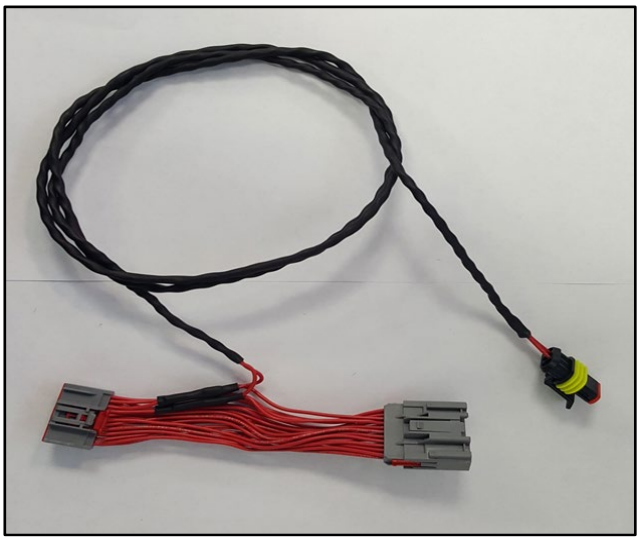
Dual OBD cable



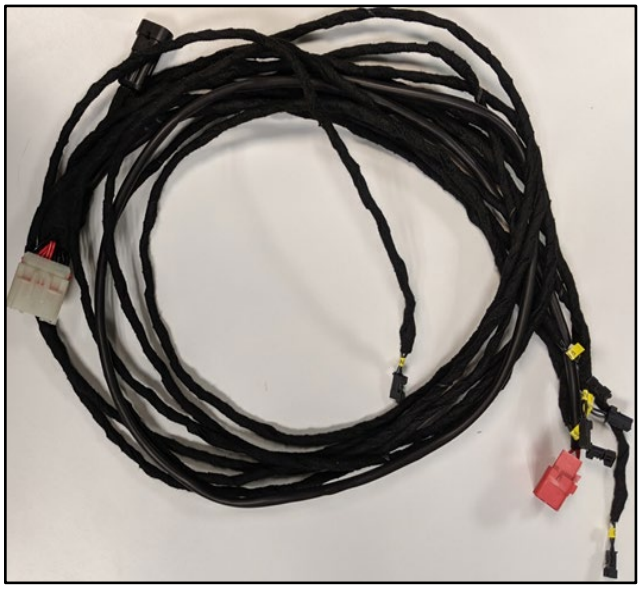
Single OBD cable

Rebel interface cable

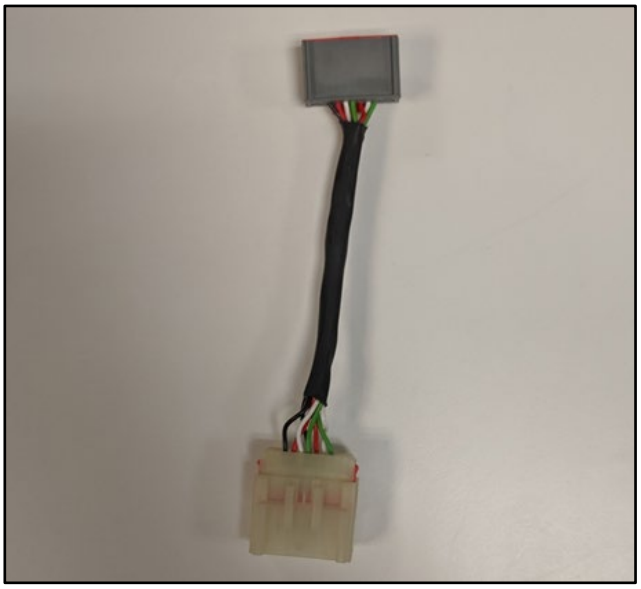
Trigger switch



FlexRay link lead



EVO cable



Resistive link lead

USB A to USB B

GPS and GPRS antenna

2. Configuration Cover Sheet

CAUTION: MAKE SURE YOU USE THE CORRECT CONFIGURATION FILE AND READ THE COVER SHEET FOR THE CONFIGURATION. INCORRECT SETTINGS CAN CAUSE THE VEHICLE TO OPERATE INCORRECTLY.

The configuration cover sheet is supplied by AMTech (refer to Figure 1). This gives information about what information is required for tests with the Datalogger application.

Influx Rebel Logger Set Up		
1. Configuration File Creator Details		
1.1	Configuration File Name:	
1.2	Configuration File Author:	
1.3	E-mail Address:	
1.4	Date:	
2. Configuration File		
2.1	CAN or CCP File:	
2.2	Car Model:	
2.3	Engine System:	
2.4	Set up Guide Required:	
2.5	Functionality of Configuration:	
2.6	How is the Event triggered:	
2.7	Sleep Mode Function:	
2.8	LED Status:	F1: F2: F3: F4: F5: LAN: SD: CN: ST:
2.9	Does the Config Require a GPS/GPRS Antenna?	
3. Additional Comments		
3.1		

Figure 1

3. Software Setup

3.1 - Download and Install the Dialog Remote Software:

The Dialog remote software is available from the Influx Technology website: Dialog Remote Software

Note: ***The installation of Aston Martin software can be prevented by firewalls or other IT systems. Speak to your IT department if you cannot install the software.***

3.2 - To Configure the Datalogger

CAUTION: **MAKE SURE YOU USE THE CORRECT CONFIGURATION FILE AND READ THE COVER SHEET FOR THE CONFIGURATION. INCORRECT SETTINGS CAN CAUSE THE VEHICLE TO OPERATE INCORRECTLY.**

1. Save the configuration file supplied by AMTech to the laptop.
2. Remove the SD card from the datalogger.
3. Put the SD card into the laptop.
4. Open “Dialog Remote” Click on “Set Configuration to SD” (refer to Figure 2).
5. Select the configuration file that was saved on your laptop in step 1 and click “Open”.

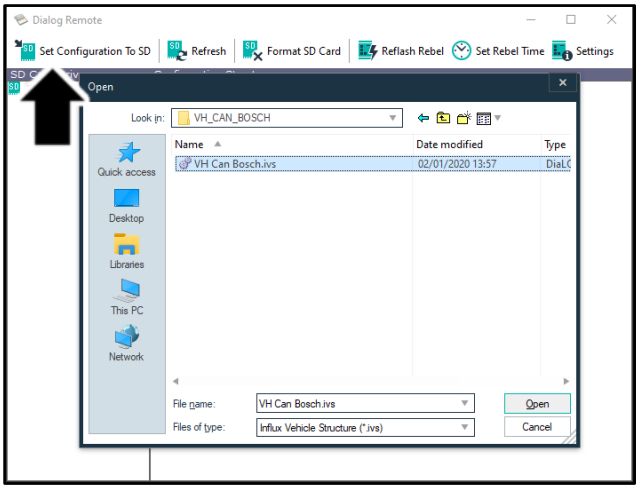


Figure 2

3.3 - To Set the Time

6. Connect the datalogger to the laptop with the USB A to USB B cable.
7. Open “Dialog Remote” and click on “Set Rebel Time” (refer to Figure 3)
8. Make sure that the correct time shows and adjust if necessary.
   Click “OK to close.”

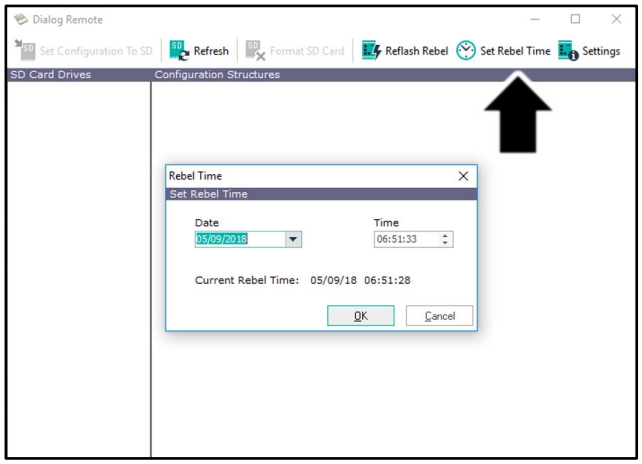


Figure 3

4. Connection Guides

This section contains the below connection guides:

- Guide A - Visteon Engine Management System
- Guide B - Bosch Engine Management System
- Guide C – CCP (Bosch)
- Guide D - CAN (DB11, DBS Superleggera)
- Guide E - CAN (Vantage 19MY)
- Guide F - CCP (DB11 V12, DBS Superleggera)
- Guide G - CCP (DB11 V8, Vantage 19MY)

Guide A - Visteon Engine Management System

DB9, DBS (08-12), Virage, Rapide (up to 15MY), Vanquish (up to 15MY), V12 Vantage (up to 14MY), V8 Vantage

Make sure you have these items of equipment for each test:

- Configuration Cover Sheet
- Influx datalogger – with SD card inserted
- Rebel interface cable
- Dual OBD cable
- Trigger switch (if this is included on the cover sheet)
- GPS and GPRS antenna (if this is included on the cover sheet)

1. Make sure you have configured the datalogger (refer to 3.2 - To Configure the Datalogger).
2. Connect the Body OBD cable to the passenger's side OBD port.
3. Connect the Powertrain OBD cable to the driver's side OBD port.
4. Connect the 25-way and 15-way connectors on the Rebel interface cable to the datalogger.
5. Connect the 22-way connector on the Rebel interface cable to the OBD cable.
6. If a trigger switch is necessary, connect the trigger switch to the Rebel interface cable. Put the switch in a position where you can access it when the vehicle is driven.
7. If a GPS/GPRS antenna is necessary, connect the GPS/GPRS antenna to the datalogger. Put the antenna on the instrument panel or on the parcel shelf.
8. When the datalogger has recorded events, save the IVD file to the SD card (refer to Access IVD files).

Guide B - Bosch Engine Management System

V12 Vantage S (14.5MY on), Vantage GT12, Vanquish (15MY on), Rapide (15MY on), Taraf

Make sure you have these items of equipment for each test:

- Configuration Cover Sheet
- Influx datalogger – with SD card inserted
- Rebel interface cable
- Single OBD cable
- Trigger switch (if this is included on the cover sheet)
- GPS and GPRS antenna (if this is included on the cover sheet)

1. Make sure you have configured the datalogger (refer to section 3).
2. Connect the single OBD cable to the driver's side OBD port.
3. Connect the 25-way and 15-way connectors on the Rebel interface cable to the datalogger.
4. Connect the 22-way connector on the Rebel interface cable to the OBD cable.
5. If a trigger switch is necessary, connect the trigger switch to the Rebel interface cable. Put the switch in a position where you can access it when the vehicle is driven.
6. If a GPS/GPRS antenna is necessary, connect the GPS/GPRS antenna to the datalogger. Put the antenna on the instrument panel or on the parcel shelf.
7. When the datalogger has recorded events, save the IVD file to the SD card (refer to Access IVD files).

Guide C – CCP (Bosch)

V12 Vantage S (14.5MY on), Vantage GT12, Vanquish (15MY on), Rapide (15MY on), Taraf

Make sure you have these items of equipment for each test:

- Configuration Cover Sheet
- Influx datalogger – with SD card inserted
- Rebel interface cable
- Single OBD cable
- Resistive link lead
- Trigger switch (if this is included on the cover sheet)
- GPS and GPRS antenna (if this is included on the cover sheet)

1. Make sure you have configured the datalogger (refer to section 3).
2. Connect the single OBD cable to the passenger's side OBD port.
3. Connect the 25-way and 15-way connectors on the Rebel interface cable to the datalogger.
4. Connect the 22-way connector on the Rebel interface cable the resistive link. Connect the other side of the resistive link lead to the OBD cable.
5. Connect the AMDS kit to the port on the driver's side and connect to the vehicle using AMDS as usual.
6. Open "Special Apps" and select "CCP Enable Disable" (refer to Figure 4).

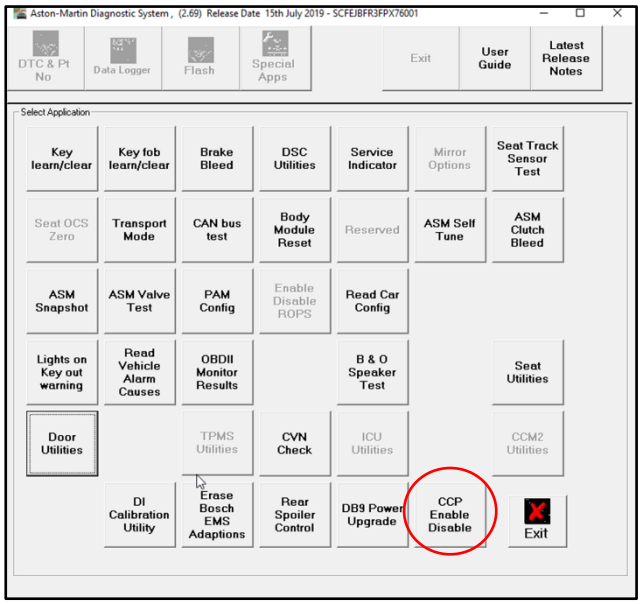


Figure 4

7. Make sure that “Master” and “Slave” are both selected and click “Allow CCP” (refer to Figure 5).

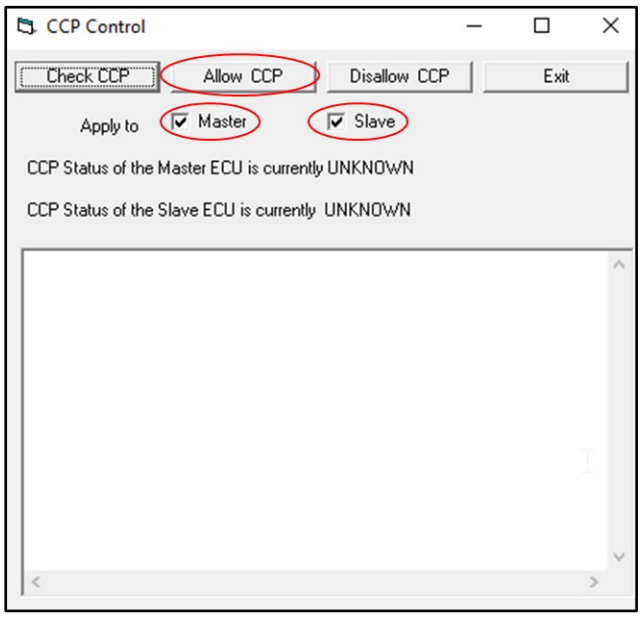


Figure 5

8. Click “Yes” on the dialog box (refer to Figure 6).

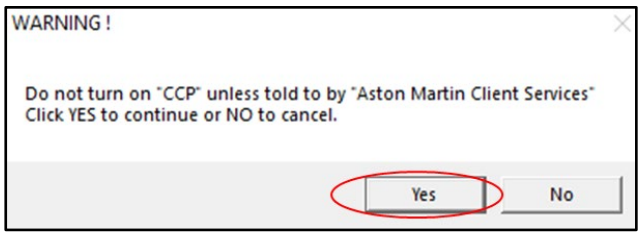


Figure 6

9. Make sure that “CCP Start: Successful” is shown for both ECUs.

Note: ***Steps 6 to 9 above must be done again if the ignition is cycled off and on.***

To record the initial engine start, put the key in position 2 but do not push it under flush. “Engine Start” will illuminate red when you put your foot on the brake pedal (or the clutch pedal for a vehicle with manual transmission).

10. If a trigger switch is necessary, connect the trigger switch to the Rebel interface cable. Put the switch in a position where you can access it when the vehicle is driven.

11. If a GPS/GPRS antenna is necessary, connect the GPS/GPRS antenna to the datalogger. Put the antenna on the instrument panel or on the parcel shelf.

12. When the datalogger has recorded events, save the IVD file to the SD card (refer to Access IVD files).

Guide D - CAN (DB11, DBS Superleggera)

Make sure you have these items of equipment for each test:

- Configuration Cover Sheet
- Influx datalogger – with SD card inserted
- Rebel interface cable
- EVO cable
- Trigger switch (if this is included on the cover sheet)
- GPS and GPRS antenna (if this is included on the cover sheet)

1. Make sure you have completed 3.2 - To Configure the Datalogger section of this Service Bulletin.
2. Connect the OBD connector on the EVO cable to the driver's side OBD port.

Note: ***Each Controller Area Network (CAN) connector must be attached to the correct connector. This information can be found in the Configuration Cover Sheet.***

Detailed locations for the CAN headers are available in Technical Hub. Navigate to Workshop Information> Electrical Information> System Views>180000 Communication Networks. It is also possible to search the connector number in Technical Hub.

Identifier	CAN Network	CAN H colour
N84	Engine CAN	Brown/Yellow (N/Y)
N83	Powertrain CAN	Blue/White (U/W)
N81	Body CAN	Brown/Red (N/R)
N85	Periphery CAN	Red/White (R/W)
N82	HMI CAN	Yellow/White (Y/W)
N87	HU CAN	Black/White (B/W)
C38.12	FlexRay CAN	Green (high) & Pink (low)

3. Connect the EVO cable to the applicable CAN header.
4. If a FlexRay test is required, connect the FlexRay breakout cable between the 22-way FlexRay connectors. Connect the 3-pin plug to the FlexRay 3-pin plug on the EVO cable.
5. Connect the 25-way and 15-way connectors on the Rebel interface cable to the datalogger.
6. Connect the 22-way connector on the Rebel interface cable to the EVO cable.
7. If a trigger switch is necessary, connect the trigger switch to the Rebel interface cable. Put the switch in a position where you can access it when the vehicle is driven.
8. If a GPS/GPRS antenna is necessary, connect the GPS/GPRS antenna to the datalogger. Put the antenna on the instrument panel or on the parcel shelf.
9. When the datalogger has recorded events, save the IVD file to the SD card (refer to Access IVD files).

Guide E - CAN (Vantage 19MY)

Make sure you have these items of equipment for each test:

- Configuration Cover Sheet
- Influx datalogger – with SD card inserted
- Rebel interface cable
- EVO cable
- Trigger switch (if this is included on the cover sheet)
- GPS and GPRS antenna (if this is included on the cover sheet)

1. Make sure you have completed 3.2 - To Configure the Datalogger section of this Service Bulletin.
2. Connect the OBD connector on the EVO cable to the driver's side OBD port.

Note: ***Each Controller Area Network (CAN) connector must be attached to the correct connector. This information can be found in the Configuration Cover Sheet.***

Detailed locations for the CAN headers are available in Technical Hub. Navigate to Workshop Information> Electrical Information> System Views>180000 Communication Networks. It is also possible to search the connector number in Technical Hub.

Identifier	CAN Network	CAN H colour
N86	EDiff Private CAN	Purple/White (W/P)
N83	Powertrain CAN	Blue/White (U/W)
N81	Body CAN	Brown/Red (N/R)
N85	Periphery CAN	Red/White (R/W)
N82	HMI CAN	Yellow/White (Y/W)
N87	HU CAN	Black/White (B/W)
C38.12	FlexRay CAN	Green (high) & Pink (low)

3. Connect the EVO cable to the applicable CAN header.
4. If a FlexRay test is required, connect the FlexRay breakout cable between the 22-way FlexRay connectors. Connect the 3-pin plug to the FlexRay 3-pin plug on the EVO cable.
5. Connect the 25-way and 15-way connectors on the Rebel interface cable to the datalogger.
6. Connect the 22-way connector on the Rebel interface cable to the EVO cable.
7. If a trigger switch is necessary, connect the trigger switch to the Rebel interface cable. Put the switch in a position where you can access it when the vehicle is driven.
8. If a GPS/GPRS antenna is necessary, connect the GPS/GPRS antenna to the datalogger. Put the antenna on the instrument panel or on the parcel shelf.
9. When the datalogger has recorded events, save the IVD file to the SD card (refer to Access IVD files).

Guide F - CCP (DB11 V12, DBS Superleggera)

Make sure you have these items of equipment for each test:

- Configuration Cover Sheet
- Influx datalogger – with SD card inserted
- Rebel interface cable
- EVO cable
- Trigger switch (if this is included on the cover sheet)
- GPS and GPRS antenna (if this is included on the cover sheet)

1. Make sure you have completed 3.2 - To Configure the Datalogger section of this Service Bulletin.
2. Connect the OBD connector on the EVO cable to the driver's side OBD port.
3. Connect the CAN connector on the EVO cable to the engine CAN header. The correct CAN connector will be given on the cover sheet.
4. Connect the 25-way and 15-way connectors on the Rebel interface cable to the datalogger.
5. Connect the 22-way connector on the Rebel interface cable to the EVO cable.
6. If a trigger switch is necessary, connect the trigger switch to the Rebel interface cable. Put the switch in a position where you can access it when the vehicle is driven.
7. If a GPS/GPRS antenna is necessary, connect the GPS/GPRS antenna to the datalogger. Put the antenna on the instrument panel or on the parcel shelf.
8. When the datalogger has recorded events, save the IVD file to the SD card (refer to Access IVD files).

Guide G - CCP (DB11 V8, Vantage 19MY)

Make sure you have these items of equipment for each test:

- Configuration Cover Sheet
- Influx datalogger – with SD card inserted
- Rebel interface cable
- EVO cable
- Trigger switch (if this is included on the cover sheet)
- GPS and GPRS antenna (if this is included on the cover sheet)

1. Make sure you have completed 3.2 - To Configure the Datalogger section of this Service Bulletin.
2. Connect the OBD connector on the EVO cable to the driver's side OBD port.
3. Connect the 25-way and 15-way connectors on the Rebel interface cable to the datalogger.
4. Connect the 22-way connector on the Rebel interface cable to the EVO cable.
5. If a trigger switch is necessary, connect the trigger switch to the Rebel interface cable. Put the switch in a position where you can access it when the vehicle is driven.
6. If a GPS/GPRS antenna is necessary, connect the GPS/GPRS antenna to the datalogger. Put the antenna on the instrument panel or on the parcel shelf.
7. When the datalogger has recorded events, save the IVD file to the SD card (refer to Access IVD files).

5. Access IVD files

1. Remove the SD card from the datalogger.
2. Connect the SD card to a slot on your laptop.
3. Open the “Influx Tech SD Card” (refer to Figure 7).

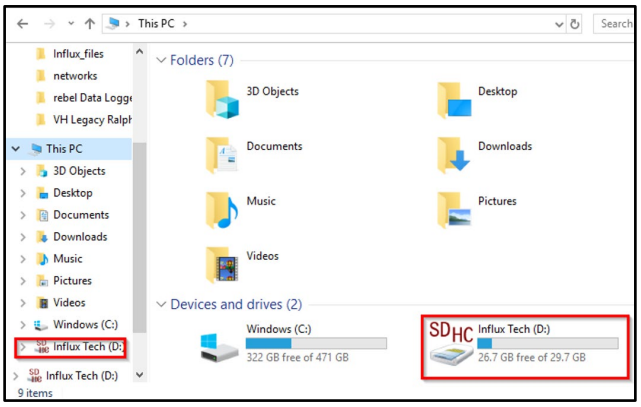


Figure 7

4. Open the configuration folder (refer to Figure 8).
   Note: The folder has the same name as the configuration used.

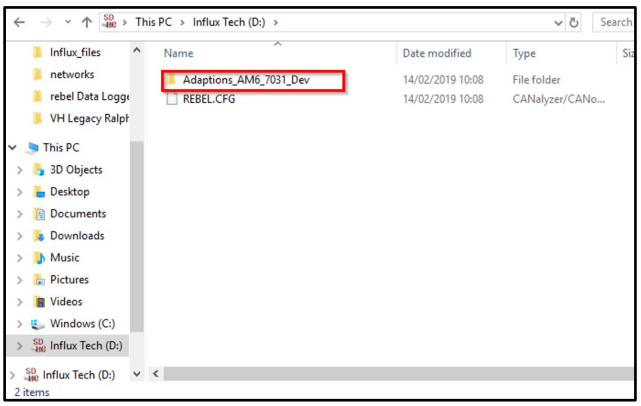


Figure 8

5. Copy the IVD files from the SD card onto your laptop (refer to Figure 9).

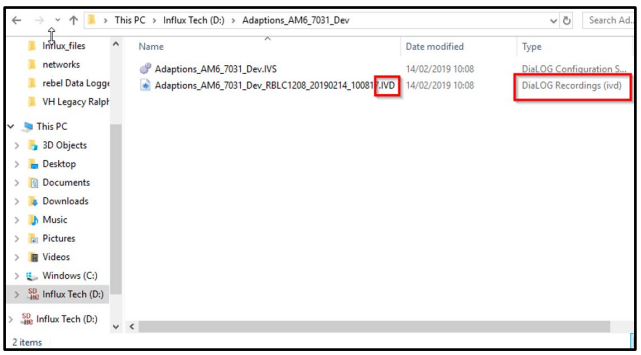


Figure 9

6. Send a copy of the IVD files back to AMtech.

If you have any questions related to this document, please refer to the 'Contact Us' link on this webpage or contact your local Dealer or After Sales Manager.

The English version of this Service Bulletin is written in Simplified Technical English to ASD-STE100™.