Jaguar Land Rover Approved J2534 VCI Update Instructions

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VCI Update Instructions

Introduction

Introduction

This document will guide the user through the Verification and Updating processes for the installation software and firmware for all Jaguar Land Rover (JLR) approved J2534 Vehicle Communication Interface (VCI) devices.

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Making sure that the JLR Approved Diagnostic Equipment is operating with the latest installation and firmware software for the VCI devices available in the workplace will help to reduce communication issues between the JLR Approved Diagnostic Equipment and vehicles.

ⓘ **VCI device functionality will be affected if the VCI device software and firmware level is not updated when required in line with the diagnostic software level.**

For each piece of software or firmware, there is a detailed Verification process accompanied by an Updating process should it be required. To avoid repetition, the Updating process should be read as a continuation of the Verification process.

Before any of the instructions detailed in this document are completed, always make sure the latest released version of diagnostic software and associated software updates have been installed.

Note: When updating any VCI device, the diagnostic applications must not be in operation.

Acronyms

Acronym	Description
DA	Diagnostic Associates
JLR	Jaguar Land Rover
OS	Operating System
SDD	Symptom Driven Diagnostics
VCI	Vehicle Communication Interface
DoIP	Diagnostics over Internet Protocol

VCI Device Installation Level Information

i-VIEW J2534 VCI Device Installation Details

Software Details	Software Level Information	SDD Systems Information		Notes
Software Driver Level	1.4.9	DLL Version	SPX T-200 1.2.7.0	All JLR Approved Diagnostic Equipment using i-VIEW J2534 Vehicle Communication Interface (VCI) devices must be updated to this level
Firmware Level	6.0.0	Firmware Version	6.0.0	The i-VIEW J2534 VCI device only needs to be updated when required, as the firmware is held on the VCI device itself

Installation Level Verification Actions

1. Verify the Software Driver Level is at the latest version
    - If the software is not to the latest version, complete Updating Software Driver Level
2. Complete the process steps to update the Firmware Level to the latest version
3. With the Software Driver Level and Firmware Level to the latest versions, complete the VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks

Take me to Installation Level Verification and Update Processes: i-VIEW J2534 VCI Device:

Diagnostic Associates (DA) J2534 VCI Device Installation Details

Software Details	Software Level Information	VCI Device	SDD Systems Information		Notes
Software Driver Level	4.6	All	DLL Version	2.63	All JLR Approved Diagnostic Equipment using DA J2534 Vehicle Communication Interface (VCI) devices must be updated to this level
App Hub Level	2.5.8	All	Not Applicable		
Firmware Level	63	DA-Dongle	Firmware Version	63.1	The DA J2534 VCI Device only needs to be updated when required, as the firmware is held on the VCI device itself
		DAVINA2		63.2	
		DA-ST512		63.3	
		DAVINA3		63.4	

Installation Level Verification Actions

1. Verify the Software Driver Level is at the latest version
   - If the software is not to the latest version, complete Updating Software Driver Level
2. Verify the DA App Hub Level is at the latest version
   - If the software is not to the latest version, complete Updating DA App Hub Level
3. Verify the DA Firmware Level is at the latest version
   - If the firmware is not to the latest version, complete Updating DA Firmware Level
4. With the Software Driver Level, DA App Hub Level and DA Firmware Level to the latest versions, complete the VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks

Take me to Installation Level Verification and Update Processes: DA J2534 VCI Device:

VCI Update Instructions

Drew Tech Mongoose Pro JLR J2534 VCI Device Installation Details

Software Details	Software Level Information	SDD Systems Information		Notes
Software Driver Level	1.01.16.00	DLL Version	v1.1.16.0	All JLR Approved Diagnostic Equipment using MongoosePro JLR Vehicle Communication Interface (VCI) devices must be updated to this level
Firmware Level	1.01.16.00	Firmware Version	FW.1.1.16.0	

Installation Level Verification Actions

1. Verify the Software Driver Level is at the latest version
   - If the software is not to the latest version, complete Updating Software Driver Level
2. With the Software Driver Level to the latest version, complete the VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks

Take me to Installation Level Verification and Update Processes: Drew Tech Mongoose Pro JLR J2534 VCI Device:

JLR J2534 VCI Device Installation Details

Software Details	Software Level Information	SDD Systems Information		Notes
Software Driver Level	1.0.11	DLL Version	1.06	All JLR Approved Diagnostic Equipment using JLR Vehicle Communication Interface (VCI) devices must be operating on these levels **Note: The JLR VCI will automatically update to the latest software.**
Firmware Level	6.5	Firmware Version	4.5	

Installation Level Verification Actions

Important Notice: The JLR VCI has the capability of automatic software update, therefore the following processes should only be completed at the request of JLR Global Diagnostic Support in the attempt to rectify operational concerns with a JLR VCI.

1. Verify the Software Driver Level is at the latest version
   - If the software is not to the latest version, complete Updating Software Driver Level
2. With the Software Driver Level to the latest version, complete the VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks

Take me to Installation Level Verification and Update Processes: JLR VCI J2534 Device:

Diagnostic over Internet Protocol (DoIP) VCI Device Installation Details

Note: Please note that VCI Manager will identify the latest level of firmware and software available for the DoIP VCI.
Any updates to the VCI Manager software will be automatically downloaded and installed. The user will be prompted to install any updates when starting PATHFINDER.
Any updates to the DoIP VCI firmware and software will be automatically downloaded and installed after initial set up of the VCI.

Software Details	Software Level Information	Notes
Software Driver Level	2.4.22.44	All JLR Approved Diagnostic Equipment using DoIP Vehicle Communication Interface (VCI) devices must be updated to this level
Firmware Level	2.4.22.44	

Installation Level Verification Actions

Note: The software installed on the DoIP VCI must be at the same level as the VCI Manager software installed on the JLR Approved Diagnostic Equipment to enable full functionality.

1. Verify the Software Driver Level is at the latest version
   - If the software is not to the latest version, complete Updating Software Driver Level
2. With the Software Driver Level to the latest version, complete the DoIP VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks

Take me to Installation Level Verification and Update Processes: Diagnostics over Internet Protocol (DoIP) VCI Device:

VCI Device Part Numbers and Vehicle Coverage Details

VCI Device Part Numbers and Vehicle Coverage Details

VCI Device Part Number Details

	VCI						
	Drewtech Mongoose	**i-View**	**DA Dongle**	**DAVINA**	**DA ST512**	**JLR VCI**	**DoIP**
Bosch Part Number	MONGOOSE-VCI	IVIEW	DAPN0040	DAPN0031	DAPN0035	JLR-00001 New VCI	JLR-DOIP-VCI-WF

VCI Device Vehicle Coverage Table - SDD

Brand	Vehicle Model	VCI					
		Drewtech Mongoose	**i-View**	**DA Dongle**	**DAVINA**	**DA ST512**	**JLR VCI**
Land Rover	L316 - Defender	X	X	3	3	3	3
	L319 - Discovery 3 / LR3 - Discovery 4 / LR4	X	X	X	X	X	X
	L320 - Range Rover Sport	X	X	X	X	X	X
	L322 - Range Rover	1	X	1	1	1	1
	L359 - Freelander 2	X	X	X	X	X	X
	L405 - Range Rover	X	X	X	X	X	X
	L494 - Range Rover Sport	X	X	X	X	X	X
	L538 - Range Rover Evoque	X	X	X	X	X	X
	L550 - Discovery Sport	X	X	X	X	X	X
Jaguar	X100 - XK	2	3	3	2	2	2
	X150 - XK	X	X	X	X	X	X
	X152 – F-TYPE	X	X	X	X	X	X
	X200 - S-TYPE	X	3	3	X	X	X
	X250 - XF	X	X	X	X	X	X
	X260 - XF	X	X	X	X	X	X

VCI Update Instructions

Brand	Vehicle Model	VCI					
		Drewtech Mongoose	i-View	DA Dongle	DAVINA	DA ST512	JLR VCI
Jaguar	X300 - XJ	2	3	3	2	2	2
	X350 - XJ	X	3	3	X	X	X
	X351 - XJ	X	X	X	X	X	X
	X400 - X-TYPE	X	3	3	X	X	X
	X760 - XE	X	X	X	X	X	X
	X761 - F-PACE	X	X	X	X	X	X

Table Key

X	Vehicle line fully supported
1	Vehicle Line fully supported apart from viewing Datalogger signals from both PCM and TCCM modules simultaneously on 06MY variants
2	Vehicle Line fully supported apart from flash programming of AJ26 and AJ27 PCMs. New modules are supplied pre-programmed
3	Vehicle line partially supported

VCI Device Vehicle Coverage Table - PATHFINDER

Brand	Vehicle Model	VCI	
		DoIP VCI	J2534
Land Rover	L405 - Range Rover	X	3
	L494 - Range Rover Sport	X	3
	L462 - Discovery	X	3
	L560 - Range Rover Velar	X	3
	L538 - Range Rover Evoque	X	3
	L550 - Discovery Sport	X	3
Jaguar	X152 - F-TYPE	X	3
	X260 - XF	X	3
	X760 - XE	X	3
	X761 - F-PACE	X	3

Table Key

X	Vehicle line fully supported
3	Vehicle line partially supported

Installation Level Verification and Update Processes - JLR Approved Diagnostic Equipment Using Windows 7 OS

Introduction

The verification and updating processes contained in the section should only be completed on JLR Approved Diagnostic Equipment using the Windows 7 Operating System (OS).

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i-VIEW J2534 VCI Device

For details regarding the latest installation software and firmware level for the Vehicle Communication Interface (VCI) device,
See page 5, i-VIEW J2534 VCI Device Installation Details

Software Driver Level

Verifying Software Driver Level

1. Power up the JLR Approved Diagnostic Equipment
2. Press the 'Windows Key'
3. Select 'Control Panel'
4. Select 'Programs'
5. Select 'Programs and Features'

   Note: The 'Programs and Features' control panel displays a list of software on the JLR Approved Diagnostic Equipment

6. Locate 'SPX i-VIEW J2534' in the software listing latest
7. Select 'SPX i-VIEW J2534'
8. Using the 'Version' column, confirm the current Software Driver Level information stated on screen and compare it to that identified in the installation details table,
   See page 5, i-VIEW J2534 VCI Device Installation Details
   • If the Software Driver Level matches the required level, go to step 1 of: **Updating Firmware Level**
   • If the Software Driver Level is not to the required level, complete the following steps 1 to 27 of: **Updating Software Driver Level**

Updating Software Driver Level

1. If connected, disconnect the VCI device from the JLR Approved Diagnostic Equipment
2. Select the 'Uninstall' button

   Note: This is displayed at the top of the software listing above 'Name'

3. A 'Programs and Features' message pop up window will be displayed
4. Select 'Yes'
5. A pop up window will be displayed and will close automatically
6. A pop up window will be displayed 'SPX i-VIEW J2534'

VCI Update Instructions

7. A progress scroll bar will be displayed and will close automatically once completed
8. Close the 'Programs and Features' control panel
9. Restart the JLR Approved Diagnostic Equipment
10. Press the 'Windows Key'
11. Select 'All Programs'
12. Select 'JLR'
13. Select 'SDD'
14. Select 'VCI Device Drivers'
15. Select 'SPX i-View'
16. A pop up window will be displayed - 'Welcome to the SPX i-View J2534 setup wizard', select 'Next'
17. Select the box next to 'I accept the terms in the License Agreement', select 'Next'
18. A pop up window will be displayed - 'SPX i-View J2534 Setup – Choose Setup Type', select 'Complete'
19. A pop up window will be displayed - 'SPX i-View J2534 Setup – Service Mode'
20. Make sure 'User Mode' is selected
21. Select 'Next'
22. A pop up window will be displayed - 'SPX i-View J2534 Setup – Ready to install SPX i-VIEW J2534'
23. Select 'Install'
24. A pop up window will be displayed - 'SPX i-View J2534 Setup – Service Mode – Completed the SPX i-VIEW J2534 Setup Wizard'
25. Select 'Finish'
26. Restart the JLR Approved Diagnostic Equipment to complete the installation
27. Go to step 1 of: **Updating Firmware Level**

VCI Update Instructions

Firmware Level (File System Version)
    Updating Firmware Level

1. Connect the VCI device to the JLR Approved Diagnostic Equipment
2. Connect the VCI device to a vehicle
3. Press the 'Windows Key'
4. Select 'All Programs'
5. Select 'SPX'
6. Select 'i-VIEW'
7. Select 'i-VIEW Device Manager'
8. Select the VCI device serial number
9. Select 'Full Reload' from the 'i-VIEW Device Manager' to update the VCI device
10. Select 'Yes' from the pop up message window to reload the device
11. Select 'Close' when the 'Full Reload' has completed
12. Close 'i-VIEW Device Manager'
13. Go to step 1 of: **i-VIEW J2534 VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks**

VCI Update Instructions

i-VIEW J2534 VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks

1. Disconnect the VCI device from the JLR Approved Diagnostic Equipment

2. Disconnect the VCI device from the vehicle

3. Shut down the JLR Approved Diagnostic Equipment

4. Connect the VCI device to SDD

5. Connect the VCI device to a vehicle

6. Power up the JLR Approved Diagnostic Equipment

7. Start the SDD application

8. Login to SDD

9. Select 'Continue' from the displayed 'Warning Page'

10. Select 'Settings' tab

11. Select 'System Information' tab

12. Select 'Details' next to 'Vehicle Communications Interface Status'

13. Click 'Connected' next to 'SPX – i-VIEW'

14. Make sure the information stated on screen matches that identified in the installation details table,
    See page 5, i-VIEW J2534 VCI Device Installation Details
    - DLL Version: SPX T-### #.#.#.#
    - Firmware Version: #.#.#

15. If the software information is confirmed as being correct, select 'Close' and use SDD as normal

16. If the software information is confirmed as being incorrect, restart the software updating process, See **Installation Level Verification Actions**

VCI Update Instructions

DA J2534 VCI Device

For details regarding the latest installation software and firmware level for the Vehicle Communication Interface (VCI) device,
See page 6, Diagnostic Associates (DA) J2534 VCI Device Installation Details

Software Driver Level

Verifying Software Driver Level

1. Power up the JLR Approved Diagnostic Equipment
2. Press the 'Windows Key'
3. Select 'Control Panel'
4. Select 'Programs'
5. Select 'Programs and Features'

   Note: The 'Programs and Features' control panel displays a list of software on the JLR Approved Diagnostic Equipment

6. Locate 'DA J2534 Software' in the software listing
7. Select 'DA J2534 Software'
8. Using the 'Version' column, confirm the current Software Driver Level information stated on screen and compare it to that identified in the installation details table,
   See page 6, Diagnostic Associates (DA) J2534 VCI Device Installation Details

   • If the Software Driver Level matches the required level, go to step 6 of: **Verifying DA App Hub Level**

   • If the Software Driver Level is not to the required level, complete the following steps 1 to 25 of: **Updating Software Driver Level**

Updating Software Driver Level

1. If connected, disconnect the VCI device from the JLR Approved Diagnostic Equipment
2. Select the 'Uninstall' button

   Note: This is displayed at the top of the software listing above 'Name'

3. A 'Programs and Features' message pop up window will be displayed
4. Select 'Yes'
5. A pop up window will be displayed
6. Select 'Yes'
7. A pop up window will be displayed and will close automatically
8. A pop up window will be displayed 'DA J2534 Software'
9. A progress scroll bar will be displayed and will close automatically once completed
10. Close the 'Programs and Features' control panel
11. Restart the JLR Approved Diagnostic Equipment
12. Press the 'Windows Key'
13. Select 'All Programs'
14. Select 'JLR'

15. Select 'SDD'

16. Select 'VCI Device Drivers'

17. Select 'DA Dongle and Davina'

    Note: DA-ST512 uses the Davina driver

18. A pop up window will be displayed - 'Welcome to the DA J2534 software setup wizard' - select 'Next'

19. A pop up window will be displayed - 'Select Installation Folder', select 'Next'

20. A pop up window will be displayed - 'Confirm Installation', select 'Next'

21. A progress scroll bar will be displayed and will close automatically once completed

22. A pop up window will be displayed - 'Installation Complete'

23. Select 'Close'

24. Shut down the JLR Approved Diagnostic Equipment

25. Go to step 1 of: **Verifying DA App Hub Level**

DA App Hub

Note: The 'DA App Hub' must be installed to a nominated PC or laptop that does not have SDD installed. The nominated machine must be connected to the internet and must not be an JLR Approved Diagnostic Equipment.

    Initial Installation of DA App Hub

1. Make sure the nominated machine is connected to an internet connection

2. Press the 'Windows Key'

3. Select 'All Programs'

4. Select and open 'Internet Explorer'

5. In the Internet Explorer address bar, enter the following:

    • **http://www.diagnostic-associates.com/pages/downloads**

6. Select the appropriate Language 'Download' link at the bottom of the 'DA App Hub Setup' section

7. A pop up window will be displayed - 'File Download', select 'Save'

8. A pop up window will be displayed - 'Save As', select 'Desktop'

9. Select 'Save' and save the latest 'DAAppHub' .zip file to the machine desktop

10. Once the Download has completed, select 'Close'

11. Press the 'Windows Key' and the 'D' key at the same time

    Note: This will now display the machine desktop

12. Select and open the 'DAAppHub' .zip file saved to the machine Desktop

13. Open 'DAAppHubSetup', select 'Run'

14. A pop up window will be displayed - 'Open File - Security Warning', select 'Run'

15. A pop up window will be displayed - 'Welcome to DA App Hub Setup Wizard', select 'Next'

16. A pop up window will be displayed - 'Select Installation folder', select 'Everyone' and then select 'Next'

17. A pop up window will be displayed - 'Confirm Installation', select 'Next'

18. A pop up window will be displayed with a progress scroll bar and will close automatically once completed

19. A pop up window will be displayed - 'Installation Complete', select 'Close'

20. Close all open windows

21. Restart the nominated machine to complete the installation

Verifying DA App Hub Level

1. Power up the nominated machine

2. Press the 'Windows Key'

3. Select 'Control Panel'

4. Select 'Programs'

5. Select 'Programs and Features'

   Note: The 'Programs and Features' control panel displays a list of software on the machine

6. Locate 'DA App Hub' in the software listing

7. Select 'DA App Hub'

8. Using the 'Version' column, confirm the current DA App Hub Level information stated on screen and compare it to that identified in the installation details table,
   See page 6, Diagnostic Associates (DA) J2534 VCI Device Installation Details

   • If the DA App Hub version matches the required level, go to step 1 of: **Verifying DA Firmware Level**

   • If the DA App Hub version is not to the required level, complete the following steps 1 to 30 of: **Updating DA App Hub Level**

Updating DA App Hub Level

1. Make sure the nominated machine is connected to an internet connection

2. Select 'DA App Hub' in the software listing

3. Select the 'Uninstall' button

   Note: This is displayed at the top of the software listing above 'Name'

4. A pop up window will be displayed 'DA App Hub'

5. A progress scroll bar will be displayed and will close automatically once completed

6. A 'Programs and Features' message pop up window will be displayed

7. Select 'Yes'

   Note: The DA App Hub has now been removed from the 'Programs and Features' control panel list

8. Close the 'Programs and Features' control panel

9. Restart the Machine

10. Press the 'Windows Key'
11. Select 'All Programs'
12. Select and open 'Internet Explorer'
13. In the Internet Explorer address bar, enter the following:
    - **http://www.diagnostic-associates.com/pages/downloads**
14. Select the appropriate Language 'Download' link at the bottom of the 'DA App Hub Setup' section
15. A pop up window will be displayed - 'File Download', select 'Save'
16. A pop up window will be displayed - 'Save As', select 'Desktop'
17. Select 'Save' and save the latest 'DAAppHub' .zip file to the machine desktop
18. Once the Download has completed, select 'Close'
19. Press the 'Windows Key' and the 'D' key at the same time
    Note: This will now display the machine desktop
20. Select and open the 'DAAppHub' .zip file saved to the machine Desktop
21. Open 'DAAppHubSetup', select 'Run'
22. A pop up window will be displayed - 'Open File - Security Warning', select 'Run'
23. A pop up window will be displayed - 'Welcome to DA App Hub Setup Wizard', select 'Next'
24. A pop up window will be displayed - 'Select Installation folder', select 'Everyone' and then select 'Next'
25. A pop up window will be displayed - 'Confirm Installation', select 'Next'
26. A pop up window will be displayed with a progress scroll bar and will close automatically once completed
27. A pop up window will be displayed - 'Installation Complete', select 'Close'
28. Close all open windows
29. Restart the nominated machine to complete the installation
30. Go to step 1 of: **Verifying DA Firmware Level**

VCI Update Instructions

DA Firmware Level

Verifying DA Firmware Level

1. Connect the VCI device to the nominated machine

   Note: The VCI device must not be connected to a vehicle

2. Make sure the machine is connected to an internet connection

3. Press the 'Windows Key'

4. Select 'All Programs'

5. Select 'Diagnostic Associates Ltd'

6. Select 'DA App Hub'

7. A 'DA App Hub' pop up window will be displayed

8. A message in the 'Home' window will identify if the DA Firmware Level requires updating

   - If the DA Firmware Level is up to date, close all open windows, disconnect the VCI from the machine and go to step 1 of: **DA J2534 VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks**

   - If the DA Firmware Level needs updating, complete the following steps 1 to 6 of: **Updating DA Firmware Level**

Updating DA Firmware Level

1. Within the 'DA App Hub', select 'Update Applications'

2. Select 'Update Device'

3. Allow the software update process to complete

4. A pop up window will confirm the update has completed

5. Close the pop up window

6. Disconnect the VCI device from the machine

7. Shut down the nominated machine

8. Go to step 1 of: **DA J2534 VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks**

VCI Update Instructions

DA J2534 VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks

1. Connect the VCI device to the vehicle
2. Connect the VCI device to the JLR Approved Diagnostic Equipment using the USB cable
3. Power up the JLR Approved Diagnostic Equipment
4. Start the SDD application
5. Login to SDD
6. Select 'Continue' from the displayed 'Warning Page'
7. Select 'Settings' tab
8. Select 'System Information' tab
9. Select 'Details' next to 'Vehicle Communications Interface Status'
10. Select 'Connected' next to 'DA-Dongle or DAVINA2

    Note: DA-ST512 and DAVINA3 will be detailed as a DAVINA2

11. Make sure the information stated on screen matches that identified in the installation details table,
    See page 6, Diagnostic Associates (DA) J2534 VCI Device Installation Details
    * DA-Dongle or DAVINA2
    * DLL Version: #.##
    * Firmware Version: ##.#

12. If the software information is confirmed as being correct, select 'Close' and use SDD as normal

13. If the software information is confirmed as being incorrect, restart the software updating process, go to: **Installation Level Verification Actions**

Drew Tech Mongoose Pro JLR J2534 VCI Device

For details regarding the latest installation software level for the Vehicle Communication Interface (VCI) device,
See page 7, Drew Tech Mongoose Pro JLR J2534 VCI Device Installation Details

Software Driver Level

Verifying Software Driver Level

1. Power up the JLR Approved Diagnostic Equipment
2. Press the 'Windows Key'
3. Select 'Control Panel'
4. Select 'Programs'
5. Select 'Programs and Features'

   Note: The 'Programs and Features' control panel displays a list of software on the JLR Approved Diagnostic Equipment

6. Locate 'J2534 MongoosePro JLR' in the software listing
7. Select 'J2534 MongoosePro JLR'
8. Using the 'Version' column, confirm the current Software Driver Level information stated on screen and compare it to that identified in the installation details table,
   See page 7, Drew Tech Mongoose Pro JLR J2534 VCI Device Installation Details

   Note: Make sure no other installs of MongoosePro JLR or Mongoose JLR are visible in the software listing. Other installs could cause a software conflict and must be removed. Complete the following steps 1 to 29 of: Updating Software Driver Level

   - If the Software Driver Level matches the required level, go to step 1 of: **Drew Tech Mongoose Pro JLR J2534 VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks**
   - If the Software Driver Level is not to the required level, complete the following steps 1 to 30 of: **Updating Software Driver Level**

Updating Software Driver Level

1. If connected, disconnect the VCI device from the JLR Approved Diagnostic Equipment
2. Select the 'Uninstall' button

   Note: This is displayed at the top of the software listing above 'Name'

   Note: Uninstall MongoosePro JLR, MongoosePro Jaguar or Mongoose JLR if listed

3. A 'Programs and Features' message pop up window will be displayed
4. Select 'Yes'
5. A pop up window will be displayed and will close automatically
6. A pop up window will be displayed 'The following applications should be closed before continuing the install' (ProtocolAccessServer)
7. Select 'Automatically close applications and attempt to restart them after setup is complete'
8. Select 'OK'
9. A progress scroll bar will be displayed and will close automatically once completed

VCI Update Instructions

10. Close the 'Programs and Features' control panel
11. Restart the JLR Approved Diagnostic Equipment
12. Press the 'Windows Key'
13. Select 'All Programs'
14. Select 'JLR'
15. Select 'SDD'
16. Select 'VCI Device Drivers'
17. Select 'DrewTech Mongoose'
18. A pop up window will be displayed - 'Welcome to the MongoosePro JLR setup wizard' - select 'Next'
19. Select the box next to 'I accept the terms in the License Agreement'
20. Select 'Next'
21. A pop up window will be displayed - select 'Next'
22. A pop up window will be displayed - 'Ready to Install J2534 MongoosePro JLR' - select 'Install'
23. A pop up window will be displayed - 'Installing J2534 MongoosePro JLR' - select 'Install'
24. A pop up window will be displayed with a progress scroll bar
25. A pop up window may be displayed - select 'Install'
26. A pop up window will be displayed - 'Please attach your device to the computer any time after the installation has finished'

    Note: Do not connect the Mongoose Pro JLR device at this time
27. Select 'OK'
28. Select 'Finish'
29. Shut down the JLR Approved Diagnostic Equipment
30. Go to step 1 of: **Drew Tech Mongoose Pro JLR J2534 VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks**

VCI Update Instructions

Drew Tech Mongoose Pro JLR J2534 VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks

1. Connect the VCI device to the vehicle

2. Connect the VCI device to the JLR Approved Diagnostic Equipment with the USB cable

3. Power up the JLR Approved Diagnostic Equipment

4. Start the SDD application

5. Login to SDD

6. Select 'Continue' from the displayed 'Warning Page'

7. Select 'Settings' tab

8. Select 'System Information' tab

9. Select 'Details' next to 'Vehicle Communications Interface Status'

10. Select 'Connected' next to 'MongooseProJLR'

11. Make sure the information stated on screen matches that identified in the installation details table,
    See page 7, Drew Tech Mongoose Pro JLR J2534 VCI Device Installation Details
    - DLL Version: MongoosePro JLR J2534 Library V#.#.#.#
    - Firmware Version: MongoosePro JLR FW:#.#.#.#

12. If the software information is confirmed as being correct, select 'Close' and use SDD as normal

13. If the software information is confirmed as being incorrect, restart the software updating process, go to: **Installation Level Verification Actions**

JLR J2534 VCI Device

For details regarding the latest installation software level for the Vehicle Communication Interface (VCI) device,
See page 8, JLR J2534 VCI Device Installation Details

Important Notice: The JLR VCI has the capability of automatic software update, therefore the following processes should only be completed at the request of JLR Global Diagnostic Support in the attempt to rectify operational concerns with a JLR VCI.

Software Driver Level

Verifying Software Driver Level

1. Power up the JLR Approved Diagnostic Equipment
2. Press the 'Windows Key'
3. Select 'Control Panel'
4. Select 'Programs'
5. Select 'Programs and Features'

   Note: The 'Programs and Features' control panel displays a list of software on the JLR Approved Diagnostic Equipment

6. Locate 'JLR VCI' in the software listing
7. Select 'JLR VCI'
8. Using the 'Version' column, confirm the current Software Driver Level information stated on screen and compare it to that identified in the installation details table,
   See page 8, JLR J2534 VCI Device Installation Details

   - If the Software Driver Level matches the required level, go to step 1 of: **JLR J2534 VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks**
   - If the Software Driver Level is not to the required level, complete the following steps 1 to 23 of: **Updating Software Driver Level**

Updating Software Driver Level

1. If connected, disconnect the VCI device from the JLR Approved Diagnostic Equipment
2. Select the 'Uninstall' button

   Note: This is displayed at the top of the software listing above 'Name'

3. A 'Programs and Features' message pop up window will be displayed
4. Select 'Yes'
5. A pop up window will be displayed
6. Select 'Yes'
7. A pop up window will be displayed and will close automatically
8. Close the 'Programs and Features' control panel
9. Restart the JLR Approved Diagnostic Equipment
10. Press the 'Windows Key'
11. Select 'All Programs'
12. Select 'JLR'

13. Select 'SDD'

14. Select 'VCI Device Drivers'

15. Select 'JLR VCI'

16. A pop up window will be displayed - 'Welcome to the JLR VCI setup wizard' - select 'Next'

17. A pop up window will be displayed - 'Select Installation Folder', select 'Everyone' and then select 'Next'

18. A pop up window will be displayed - 'Confirm Installation', select 'Next'

19. A progress scroll bar will be displayed and will close automatically once completed

20. A pop up window will be displayed - 'Installation Complete'

21. Select 'Close'

22. Shut down the JLR Approved Diagnostic Equipment

23. Go to step 1 of: **JLR J2534 VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks**

JLR J2534 VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks

1. Connect the VCI device to the vehicle

2. Connect the VCI device to the JLR Approved Diagnostic Equipment with the USB cable

3. Power up the JLR Approved Diagnostic Equipment

4. Start the SDD application

5. Login to SDD

6. Select 'Continue' from the displayed 'Warning Page'

7. Select 'Settings' tab

8. Select 'System Information' tab

9. Select 'Details' next to 'Vehicle Communications Interface Status'

10. Select 'Connected' next to 'JLR VCI'

11. Make sure the information stated on screen matches that identified in the installation details table,
See page 8, JLR J2534 VCI Device Installation Details
- DLL Version: #.#.#
- Firmware Version: #.#

12. If the software information is confirmed as being correct, select 'Close' and use SDD as normal

13. If the software information is confirmed as being incorrect, restart the software updating process, go to: **Installation Level Verification Actions**

Diagnostic over Internet Protocol (DoIP) VCI Device

For details regarding the latest installation software level for the Vehicle Communication Interface (VCI) device,
See page 9, Diagnostic over Internet Protocol (DoIP) VCI Device Installation Details

Note: The DoIP VCI has the capability of automatic software update, therefore the following processes should only be completed at the request of JLR Global Diagnostic Support in the attempt to rectify operational concerns with a DoIP VCI.

Software Driver Level

Verifying Software Driver Level

1. Power up the JLR Approved Diagnostic Equipment
2. Connect the VCI device to the JLR Approved Diagnostic Equipment with the USB cable
3. Press the 'Windows Key'
4. Select 'All Programs'
5. Select 'Bosch'
6. Select 'VCI Software (JLR)'
7. Select 'VCI Manager (JLR)'
8. Select the 'VCI Explorer' tab
9. Select the DoIP VCI in the 'Detected VCIs'
10. Select 'Show Details'

    Note: This will show the VCI Manager software version and the DoIP VCI software version.
    The software installed on the DoIP VCI must be at the same level as the VCI Manager software installed on the JLR Approved Diagnostic Equipment to enable full functionality.

11. Confirm the current Software Driver Level information stated on screen and compare it to that identified in the installation details table,
    See page 9, Diagnostic over Internet Protocol (DoIP) VCI Device Installation Details

    • If the Software Driver Level matches the required level, go to step 1 of: **DoIP VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks**

    • If the Software Driver Level is not to the required level, complete **Updating Software Driver Level**

Updating Software Driver Level

1. Power up the JLR Approved Diagnostic Equipment
2. Connect the VCI device to the JLR Approved Diagnostic Equipment with the USB cable
3. Press the 'Windows Key'
4. Select 'All Programs'
5. Select 'Bosch'
6. Select 'VCI Software (JLR)'
7. Select 'VCI Manager (JLR)'
8. Select the DoIP VCI in the 'Detected VCIs'

Note: If a software update is available, the option to 'Update VCI' will be shown.

9. Select 'Update VCI'
10. Select 'Start Update'

    Note: The update process will take approximately 12 minutes to complete. The DoIP VCI will give an audible tone once the update is complete.

11. Go to step 1 of: **DoIP VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks**

DoIP VCI Device to JLR Approved Diagnostic Equipment Recognition and Final Checks

1. Connect the VCI device to the vehicle
2. Connect the VCI device to the JLR Approved Diagnostic Equipment with the USB cable
3. Power up the JLR Approved Diagnostic Equipment
4. Press the 'Windows Key'
5. Select 'All Programs'
6. Select 'Bosch'
7. Select 'VCI Software (JLR)'
8. Select 'VCI Manager (JLR)'
9. Select the DoIP VCI in the 'Detected VCIs'
10. Select 'Show Details'

    Note: The VCI connection status and method are shown on this screen.

11. Make sure the information stated on screen matches that identified in the installation details table,
    See page 9, Diagnostic over Internet Protocol (DoIP) VCI Device Installation Details

    Note: The software installed on the DoIP VCI must be at the same level as the VCI Manager software installed on the JLR Approved Diagnostic Equipment to enable full functionality.

12. If the software information is confirmed as being correct, select 'Close' and use PATHFINDER as normal
13. If the software information is confirmed as being incorrect, restart the software updating process. Go to: **Installation Level Verification Actions**