Introducing the all new Jaguar Land Rover Diagnostic System

PATHFINDER is the new Jaguar Land Rover Diagnostic software.

The new PATHFINDER software is now available and will deliver the base level software to the Retailer network, in order to support upcoming releases of PATHFINDER.

Before Installing PATHFINDER

PATHFINDER is designed to be installed on to the same Jaguar Land Rover Approved Diagnostic Equipment as the Symptom Driven Diagnostics (SDD) software.

PATHFINDER software must be installed and up to date before installing SDD on a new device.

The latest PATHFINDER software level is defined on the latest PATHFINDER release note, stored in TOPIx.

NOTE: All Jaguar and Land Rover Retailers must install the base level PATHFINDER software immediately, to ensure it is possible to receive future releases of PATHFINDER.

What information is in this document?

This document will help you understand: -

- What is PATHFINDER?
- Software Version Confirmation
- Operating PATHFINDER
- What do I need to use PATHFINDER?
- Installing PATHFINDER software
- Installing the Diagnostics over Internet Protocol (DoIP) Vehicle Communication Interface (VCI) unit

What is PATHFINDER?

PATHFINDER is the all new diagnostic system specifically designed and released for the introduction of the following vehicles.

Land Rover:

- Range Rover L405 (17MY Onward)
- Range Rover Sport L494 (17MY Onward)
- New Discovery L462 (17MY Onward)
- Evoque L538 (18MY Onward)
- Discovery Sport L550 (18MY Onward)
- Range Rover Velar L560 (18MY Onward)

Jaguar:

- F-TYPE X152 (18MY Onward)
- F-PACE X761 (18MY Onward)
- XE X760 (18MY Onward)
- XF X260 (18MY Onward)
- E-PACE X540 (18MY Onward)
- I-PACE X590 (19MY Onward)

These vehicles have been designed to communicate with new high speed communication protocols. This allows faster software download, programming and communication, making it faster to use and saving valuable time.

These vehicles can ONLY communicate with the all new PATHFINDER diagnostic software using the new Diagnostics over Internet Protocol (DoIP) Vehicle Communication Interface (VCI) unit which conforms to the new communication protocol.

NOTE: All Retailers must install PATHFINDER to all Jaguar Land Rover Approved Diagnostic Equipment.

Important information:

Symptom Driven Diagnostics (SDD) does not have the functionality to communicate with the vehicles identified in this document.

PATHFINDER is the ONLY diagnostic tool to be used for the vehicles identified in this document.

Software Version Confirmation

After the initial installation has been completed, all Retailers must ensure that PATHFINDER is kept up to date in order to receive the latest content and updates. The software will automatically prompt you to update to the latest version when available.

NOTE: The instructions detailed in this document is only required to be completed for the initial installation of the PATHFINDER software.

If you are experiencing concerns with the automatic software updates, please refer to Administration Bulletins JAB00034 / LAB00038 for information on the configuration of JLR Approved Diagnostic Equipment.

The Software Versions installed to your Jaguar Land Rover (JLR) Approved Diagnostic Equipment can be confirmed using the Jaguar Land Rover Connect Updater. The Jaguar Land Rover Connect Updater shows the software level of three applications, detailed in the following table.

Application	Definition
JLR Connect Updater	The program that downloads the software updates and indicates software level
JLRAppLauncher	The page used to launch Diagnostic Software
PATHFINDER	The PATHFINDER Diagnostic Software

NOTE: The software levels installed to the JLR Approved Diagnostic Equipment must always match the defined level on the latest PATHFINDER release note, stored in TOPIx. Failure to keep the PATHFINDER software versions up to date may result in PATHFINDER operating with reduced functionality, causing features or applications to be missing, or to not work as intended.

Operating PATHFINDER

The PATHFINDER software has been designed to be intuitive in operation for the user. We recommend that ALL users complete the PATHFINDER eLearning course available on EXCELLENCE to familiarise themselves with the new diagnostic system.

ACADEMY excellence	Visit WWW.LANDROVEREXCELLENCE.COM and complete eLearning course EDAX00656 – PATHFINDER.

JAGUAR LAND ROVER	**Initial Installation**	**PATHFINDER** **JOIN THE JOURNEY**
PATHFINDER and Diagnostics Over Internet Protocol (DoIP) VCI		

What do I need to use PATHFINDER?

Panasonic TOUGHBOOK TOUGHPAD	**JLR Approved Diagnostic Equipment** For PATHFINDER to operate at its very best, the laptop or tablet being used must be an approved version/level of hardware. **Note:** For further information on approved hardware to support PATHFINDER, refer to: - ● Administration Bulletins JAB00046 / LAB00051
	**Your IT network and equipment must be configured for PATHFINDER.** The settings and exceptions identified in the administration bulletin are key to making sure PATHFINDER works to its optimum performance. Continuous communication between PATHFINDER and JLR is vital for the latest software files and technical information to be exchanged. **Note:** If PATHFINDER is not correctly configured, it may not be possible to communicate with and support a customer vehicle. **Note:** For further information on PATHFINDER configuration, refer to: - ● Administration Bulletins JAB00034 / LAB00038

	**Installing PATHFINDER software** **Note**: The PATHFINDER software is designed to be installed to your existing JLR Approved Diagnostic Equipment. **Note**: PATHFINDER must be installed and on the latest available version before any SDD updates are installed. **Note**: Make sure there are no external USB flash drives inserted into the machine. **Note**: Due to software file size, the software download and installation process will take some time. Please be patient. Downloading and Installing PATHFINDER 1. Make sure that the approved diagnostic equipment is connected to the internet. 2. Open Internet Explorer 3. Using the following URL, Download the PATHFINDER software: http://diagnosticdelivery.jlrext.com/pathfinder/Jaguar_Land_Rover_Connect_Updater_v2.exe 4. Select '**Save**', select '**Desktop**', select '**Save**'. 5. The software file will now download. 6. Select '**Run**'. 7. A security warning window will appear, select '**Run**'. 8. The Jaguar Land Rover Connect Setup Wizard will now begin. 9. The 'Welcome to the Jaguar Land Rover Connect Setup Wizard' pop up will appear. Select '**Next**'. 10. The 'Select Additional Tasks' pop up will appear. Do not select the 'Create a desktop icon'. Select '**Next**'. **Note:** The installation progress will be shown on screen.

11. After installation, the 'Completing the Jaguar Land Rover Connect Setup Wizard' will appear. Select 'Finish'.
12. The machine will now restart.
13. The Internet Explorer will open with your homepage or the new JLR App Launcher screen will open.

Note: The PATHFINDER icon will not work until the software download has completed.

14. The PATHFINDER software will automatically download in the background.

Note: To check the software download progress, select the '**Hidden Icon**' arrow in the bottom right hand of the screen (Windows system tray). Right click the '**Connect**' icon, select '**Check for Updates**' and view the Jaguar Land Rover Application progress bar.

Note: Due to software file size, the software download and installation process will take some time, please be patient.

Note: Do not attempt to use PATHFINDER until the software download and installation has completed.

15. The 'Jaguar Land Rover Connect Updater' pop up will appear, select '**Install Now**'.

Note: If the 'Please close JLRAppLauncher to continue the installation' pop up appears, hover the cursor over the 'JLR Application Launcher' icon on the 'Windows Task Bar' at the bottom of the screen. Right click on the icon and select '**Close Window**'. Select '**Continue**' on the 'JLRAppLauncher message' pop up.

16. The 'JLRAppLauncher message' pop up will close, PATHFINDER is now installing, please be patient.
17. Select the '**Hidden Icon**' arrow in the bottom right hand of the screen (Windows system tray). Select the '**Connect**' icon and view the 'Jaguar Land Rover Application progress bar.
18. When the current status display shows that the latest software is installed, select '**Close**''.
19. PATHFINDER is now installed.

Future PATHFINDER communications will appear soon in the 'Activity Stream' section on TOPIx.



Installing the Diagnostics over Internet Protocol (DoIP) Vehicle Communication Interface (VCI) unit

Note: PATHFINDER requires a DoIP VCI unit to communicate with the models identified previously.

Note: The DoIP VCI must be the only VCI connected to the JLR Approved Diagnostic Equipment when using PATHFINDER.

Future PATHFINDER communications will appear soon in the 'Activity Stream' section on TOPIx.

Every retailer MUST have the DoIP VCI available in their workshop. The DoIP VCI is the only JLR approved VCI unit that can communicate with the vehicles identified in this document.

Note: Please be aware that the following instructions are only applicable for the first use of the VCI. Once the initial installation and settings have been completed, the DoIP VCI is 'plug and play' with the PATHFINDER software.

<u>Installing the DoIP VCI and Updating the Firmware</u>

1. Insert the DoIP VCI USB cable into the DoIP VCI device and the JLR Approved Diagnostic Equipment.

Note: The 'USB Input Device' pop up will appear, select '**X**' and close the pop up.

2. Select the '**Windows**' key.
3. Select '**All Programs**'.
4. Select '**Bosch**'.
5. Select '**VCI Software (JLR)**'.
6. Select '**VCI Manager (JLR)**'.
7. Select the VCI icon displayed on screen.
8. Select '**Connect to VCI**'
9. Select '**VCI Update**'.
10. Select '**Start Update**'.
11. The 'VCI Manager Information' pop up will appear, select '**OK**' to continue.

Note: Do not disconnect the DoIP VCI from the JLR Approved Diagnostic Equipment during the update process.

Note: The DoIP VCI update process will take approximately 12 minutes to complete.

12. The DoIP VCI will now automatically restart.
13. Wait for the DoIP VCI to give an audible beep. Select 'OK' to continue.
14. Select 'X' and close the 'VCI Manager'.
15. The DoIP VCI is ready for use

<u>Setting Preferences in PATHFINDER</u>

1. Select the PATHFINDER icon on the 'JLR Application Launcher'.
2. Select '**Other User**' and enter your 'User Identification' and Password details.
3. Select '**Independent Operator**' or '**Authorised Repairer**'.
4. Select '**OK'** and log in.
5. Read the content of the 'Warning' pop up and select '**OK**'.
6. Select the three bar icon in the top right of the screen. Select the '**Settings**' icon'.
7. Select the '**Communication Interface**' tab. Select '**D-PDU**'.
8. The 'Windows Security Alert' pop up is displayed. Select '**Allow Access**'.

Note: Do not select 'Cancel' when the 'Windows Security Alert' pop up is displayed.

9. The preferences have now been set in PATHFINDER.

Note: Once the initial installation and settings have been completed, the DoIP VCI is plug and play with the PATHFINDER software.

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