

# SERVICE BULLETIN



| CIRCULATION:     |   |                    |   |
|------------------|---|--------------------|---|
| Dealer Principal | ✓ | Sales Guide        |   |
| Centre Manager   | ✓ | Parts Professional |   |
| Sales Manager    |   | Warranty Admin     |   |
| Business Manager |   | Service Advisor    |   |
| Parts Manager    |   | Technician         |   |
| Service Manager  | ✓ | Systems Admin      | ✓ |

Number: **STE11-06 (issue 2)**

Section: **Tools & Equipment**

Date: **15 SEP 2011**

Model: **All**

Applicable to: **NAS**

Attachment: **-**

Subject: **J2534 Vehicle Communication Interface Devices - Update**

**ISSUE '2' CHANGES ARE HIGHLIGHTED IN GRAY**

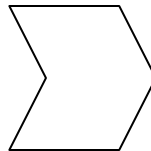
Jaguar Land Rover Service Diagnostics is pleased to announce that from **IDS DVD 125** onwards (March 2011), the IDS/SDD diagnostic platform supports a number of Jaguar Land Rover-approved **J2534 Vehicle Communication Interface (VCI)** devices.

Users of the IDS/SDD platform will be able choose from a range of new, lower cost VCI devices when purchasing new or upgrading current diagnostic equipment. Jaguar Land Rover will provide a supported list of validated J2534 VCI devices which have been validated on Jaguar and Land Rover vehicles.

### What are J2534 Vehicle Communication Interface (VCI) Devices?

J2534 is an international standard for vehicle communication devices known as 'pass thru' devices. Pass thru devices allow a PC-based system to communicate with, and/or program, modules on supported vehicles.

The VCI device acts as the communications device between the vehicle and the laptop computer. Previously the only approved communication device for use with IDS/SDD has been the Teradyne Vehicle Communications Module (VCM) pictured below.



### What are the J2534 Vehicle Communication Interface (VCI) Device capabilities?

- Ability to communicate with the various vehicle modules for the purposes of DTC interrogation.
- Ability to communicate with vehicle modules for the purposes of module programming and parameter monitoring.

Support for these devices is specified by EU5 vehicle standards. For Jaguar and Land Rover vehicles, this represents 2010MY vehicles (2011MY NAS) and later.

**Note:** As required under EURO-5 vehicle compliance legislation the IDS/SDD Diagnostic System is capable of supporting additional VCI devices which will not be listed on the Jaguar Land Rover 'approved list'. However, these units will **not** be supported by Jaguar Land Rover Technical Support or SPX Customer Service Help Line.

## Jaguar Land Rover-Approved VCI Devices

| MODEL                           | PART NUMBER      | PRICE (USD)* |
|---------------------------------|------------------|--------------|
| Diagnostic Associates DA-VINA   | JLR-DAPN0031     | \$630.95*    |
| Diagnostic Associates DA-Dongle | JLR-DAPN0021     | \$367.38*    |
| Drewtech Mongoose               | JLR-MONGOOSE-VCI | \$569.06*    |
| Teradyne iView                  | JLR-iVIEW-VCI    | \$1,295.00*  |

\*Shipping, handling, tax not included

### Vehicle Line Support Overview

| DEVICE NAME       | VEHICLE LINE |            |                          |                    |             |           |           |           |               |           |           |           |           |     |               |
|-------------------|--------------|------------|--------------------------|--------------------|-------------|-----------|-----------|-----------|---------------|-----------|-----------|-----------|-----------|-----|---------------|
|                   | L319 - LR3   | L319 - LR4 | L320 - Range Rover Sport | L322 - Range Rover | L359 - LR 2 | X150 - XK | X100 - XK | X250 - XF | X200 - S-TYPE | X351 - XJ | X350 - XJ | X308 - XJ | X300 - XJ | XJS | X400 - X-TYPE |
| DA-VINA           | ✓            | ✓          | ✓                        | 1                  | ✓           | ✓         | 2         | ✓         | ✓             | ✓         | ✓         | 2         | 2         | 2   | ✓             |
| DA-Dongle         | ✓            | ✓          | ✓                        | 1                  | ✓           | ✓         | x         | ✓         | x             | ✓         | x         | x         | x         | x   | x             |
| Drewtech Mongoose | ✓            | ✓          | ✓                        | 1                  | ✓           | ✓         | 2         | ✓         | ✓             | ✓         | ✓         | 2         | 2         | 2   | ✓             |
| Teradyne iView    | ✓            | ✓          | ✓                        | 1                  | ✓           | ✓         | x         | ✓         | x             | ✓         | x         | x         | x         | x   | x             |

### Key

|   |   |
|---|---|
| ✓ | Vehicle line fully supported ( <i>DTC Read/Clear, Parameter Monitoring, Module Programming</i> )                                    |
| x | Vehicle line <b>NOT</b> supported   |
| 1 | Vehicle line fully supported apart from viewing Datalogger signals from both ECM and TCM modules simultaneously on 2006MY variants. |
| 2 | Vehicle line fully supported apart from flash programming of AJ16, AJ26, and AJ27 ECMS.   |

## JLR VCI Supported J2534-1/2 Standards

| STANDARDS         |             |
|-------------------|-------------|
| Bosch DDE4 KW2000 | ISO14230    |
| CAN               | ISO14230_PS |
| CAN_PS            | ISO14229    |
| DS2               | ISO15765    |
| J1850PWM (SCP)    | ISO15765_PS |
| ISO9141           |             |
| ISO9141_PS        |             |
| ISO9141_PS/ROSCO  |             |

### Why is this happening?

The existing Teradyne VCM will no longer be sold after existing orders are filled or warranted after December 2011. Customer pay repairs will continue after this until such time as parts are no longer available.

This solution is also being made available as part of a direct commitment to reduce the overall cost of diagnostic equipment in response to your feedback. As such, a range of alternative devices is being made available at different price points.

The cost of VCM/cables today, with a one-year warranty, is \$2,099.00(USD) versus a VCI device with an average cost of \$740.00(USD). This represents a significant savings when purchasing new or replacement equipment.

### When is this happening?

From DVD 125 (March 2011), the IDS/SDD Diagnostic Software is able to detect the presence of an installed and connected VCI device upon boot up (the DA Dongle must be connected to the vehicle in order to power the device for detection). This process will only need to be performed once unless another communication device is used. The icon at the top of the IDS screen will change to a generic J2534 Device. Additionally, the name of the current communication device will be displayed at the top of the IDS screen to alert the user as to which device is being used with IDS/SDD.

The communication devices can also be manually selected by the Device Manager which is located on the System *Information* Tab of SDD under Installed Devices-VCM.

### How Do I Purchase a Jaguar Land Rover approved VCI Device?

All Jaguar Land Rover-approved VCI devices are available for purchase and technical and warranty support directly through your local SPX office at 866-628-5508.

### What support do I get with the units?

All VCI devices will come with a one-year warranty and Technical Support from SPX.

During the warranty period, the units will be covered by an exchange program – failed units will be exchanged for a replacement and the defective unit returned to SPX.

### What do I need to do?

Review the status of your current IDS/SDD equipment, the warranty or the extended maintenance contract on some of your equipment may have or will soon expire during 2011/12.

It is recommended that you contact your local SPX sales team to discuss options for purchasing new or replacement equipment to meet your growing service demands.

The significant cost savings of the new VCI device makes it desirable to invest in purchasing new updated IDS/SDD equipment with more powerful processing capabilities.

Jaguar Land Rover mandates one (1) IDS/SDD Diagnostic System for every four (4) technicians.