



SDD – Future Enhancements

October 2011

Background



-
- SDD Introduced in Q4 2009 to provide more controlled approach to diagnostics through the use of Symptoms
 - TOPIX introduced in Q4 2010 to provide more efficient retrieval of vehicle data by use of the VIN
 - With SDD and TOPIX being VIN based systems, the integration of the two applications is possible – providing greater efficiency in the tool
 - The next enhancements to SDD are:
 - Navigation changes – reduce number of key clicks for technician
 - Integration with TOPIX for fast retrieval of relevant technical information
 - Moving some elements of SDD data online into TOPX to reduce data download time and enable fast turnaround of data updates to the market
 - Enabling diagnostics to be launched directly from a Service Bulletin
 - Enhancements to be rolled out in stages over the next 3 months

SDD – Key Points Reminder



- Ensure IT Policy Letters is understood and followed
 - Ensure firewall, anti-virus software is configured correctly
 - Ensure workshop has full Wi-Fi coverage
- Ensure symptoms are entered accurately
- Authentication will be required more frequently. TOPIX usernames and passwords need to be to hand
- Maintenance of the SDD machine – use of new system information page
- Make use of EPQR to report any Symptom mapping issues in SDD

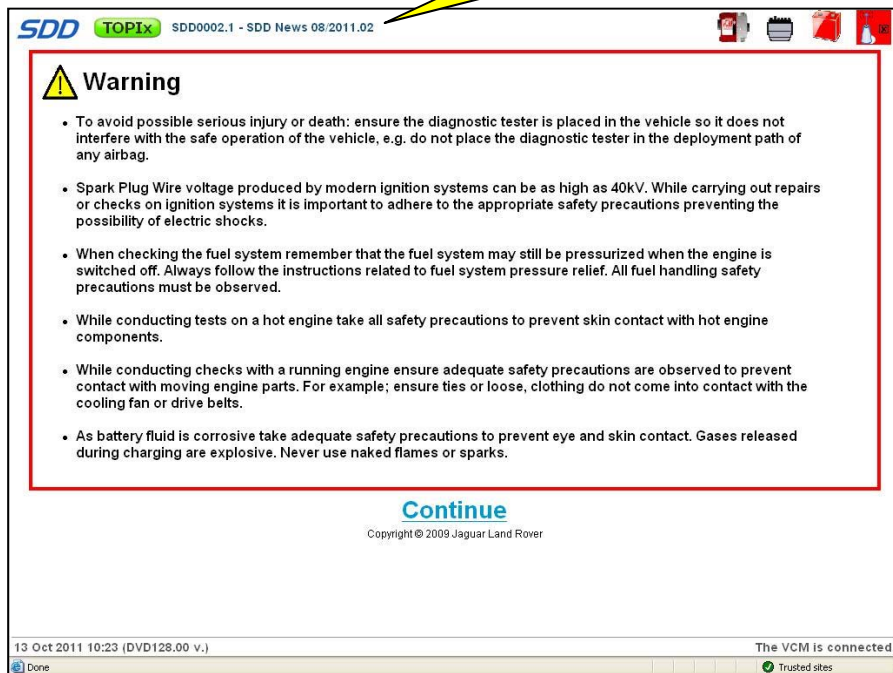
SDD – Newsletter Link



- DVD127 Patch 5 Release will contain an active Newsletter link within SDD

SDD Newsletter Banner

Click on banner to access Newsletter in TOPIX



TOPIX Newsletter opens from SDD



SDD – Service Function Navigation Change



- Reduce number of 'key clicks' to save technician time
 - Remove symptom selection step from Service Functions session
 - Provide fast link to Service Functions from Diagnostic session
 - Start new sessions now available from Network View

Service Function Session goes directly to full list of Service Functions for that Vehicle

Recommendations (Ordered by priority)

To ensure all screen options are available when running any set-up applications please select full screen view via the F11 button.

Highly Recommended
None

Recommended

Type	Description	Status	Options
	Security - Key programming	Not run	Run
	Security - Erase all existing keys.	Not run	Run
	Security - Verify keys	Not run	Run
	Security - Immobilization	Not run	Run
	Seats - Driver's seat calibration.	Not run	Run
	Seats - Seat cover replacement	Not run	Run
	Adaptive speed control - Speed control alignment	Not run	Run
	Brake system - Brake bleed.	Not run	Run
	Car configuration management - Session active car configuration selection	Not run	Run
	Parking brake - Parking brake release to the service position	Not run	Run

XF (X250) R10625 - 13 Oct 2011 10:26 (DVD128.00 v.)

The VCM is connected.

Done Trusted sites

Service Function Changes



JAGUAR SDD TOPIx Import Export feature

Service Workshop Manual Wiring Diagrams Electrical Reference Library

Vehicle Settings Sessions

Session Selected Symptoms Related Events Unrelated Events Recommendations Service Functions

Service Functions (Ordered by priority)

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Highly Recommended
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Type	Description	Status	Options
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Done

Fast Link to Service Functions from Diagnostics Session

Change Session type now available from Network View Screen

JAGUAR SDD TOPIx New System Information homepage

Service Workshop Manual Wiring Diagrams Electrical Reference Library

Vehicle Settings Sessions

Session Recommendations

Vehicle Specification

Jaguar

X250-XF 2009

CAN_HS: ABS, CCM, GSM, HCM, ICS, IPC, OCS, PBM, PCM, RCM, SUMB, TCM, VM

CAN_MS: BCM, BCMB, DDM, DSM, FACP, HVAC, ICM, PAM, PDM, RFA, SCME, SODL, SOD

SUB_MOST: AAM, ACM, APIM, DABM, DACMC, FCDIM, NCM, SARM, TEL, TVM

Pre Delivery Inspection Measurement Applications Service Functions Campaigns Diagnosis Close Session

XF (X250) R10625 - 13 Oct 2011 10:25 (DVD128.00 v.)

The VCM is connected.

Done Trusted sites

SDD Link to TOPIX



- SDD linking to TOPIX requires changes to authentication and login process
- This protects data and provides additional security - SDD users will need to login each day to use the tool
 - 12 hour timeout of the tool is used all day
 - 4 hour timeout if no activity on the tool

SDD/TOPIX Login

Login provides access to SDD and TOPIX

Please select your login option to enable SDD access to TOPIX services.

[Click here for Authorised Repairers](#)

This button is for Authorised Repairers who have a DSL-ID or CDS-ID.

[Click here for Independent Operators](#)

This button is for Independent Operators who have registered with TOPIX.

SDD Link to TOPIX



SDD link to TOPIX Information

Once logged in – technician can access TOPIX information related to VIN of the vehicle – WSM, EWD, ERL, Service Page

SDD Launch TOPIX

TOPIX can be launched from SDD

JAGUAR SDD TOPIX Save and reload the original SDD session

[Service](#) [Workshop Manual](#) [Wiring Diagrams](#) [Electrical Reference Library](#)

Sessions
Settings
Vehicle

Session

i Session Type Selection

Vehicle Summary
Model: Jaguar X250 XF
Engine: 4.2L sc AJ36
Model Year: 2009

Image for illustration purposes only

Please select session type to continue.

Pre Delivery Inspection | Measurement Applications | Service Functions | Campaigns (2) | Diagnosis

XF (X250) R10625 - 04 Oct 2011 12:50 (DVD128.00 v.N/A) The VCM is connected

Done Unknown Zone (Mixed) 100%

Live link To Campaigns

SDD checks TOPIX for any outstanding Campaigns

Open Campaigns are listed as Candidates in SDD

Link to TOPIX - Example



JAGUAR SDD TOPIX Import Export feature

[Service](#) [Workshop Manual](#) [Wiring Diagrams](#) [Electrical Reference Library](#)

WSM-11091 - Workshop manual X250 2008 - SDD

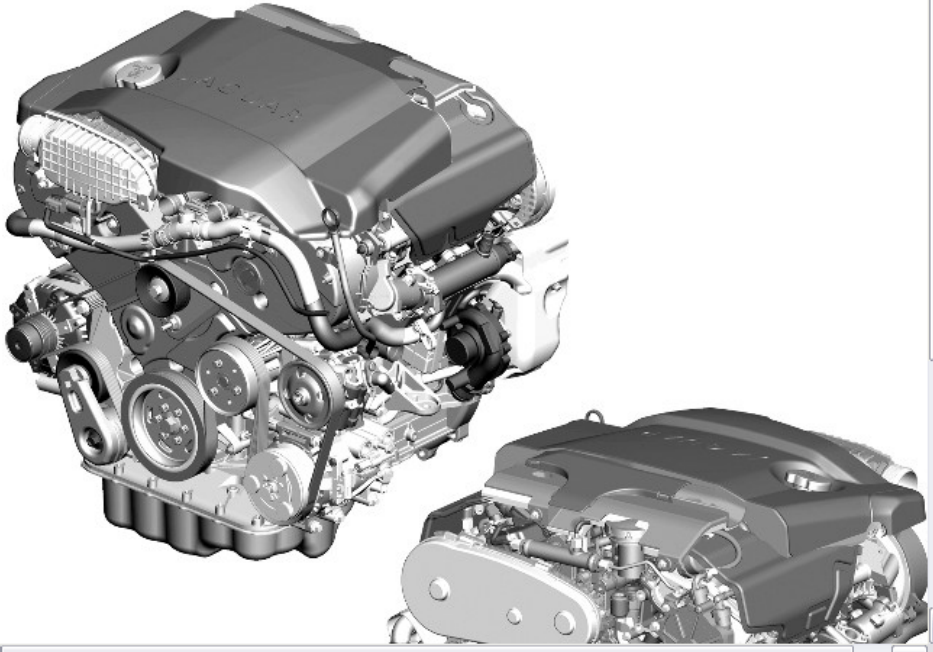
WSM-11091 - Workshop manual X250 2008

Published: 11-May-2011

Engine - 2.7L V6 - TdV6 - Engine - Component Location

Description and Operation

External View



- 1: General Information
- 2: Chassis
 - 204: Suspension
 - 205: Driveline
 - 206: Brake System
 - 211: Steering System
- 3: Powertrain
 - 303: Engine
 - 303-00: Engine System - General Information
 - 303-01A: Engine - 2.7L V6 - TdV6
 - Specification
 - Description and Operation
 - Engine
 - Engine
 - Engine
 - Diagnosis and Testing
 - Engine
 - General Procedures
 - Engine Oil Draining and Filling
 - Removal and Installation
 - Camshaft Front Seal
 - Camshaft LH
 - Camshaft Rear Seal
 - Crankshaft Front Seal
 - Crankshaft Pulley

Unknown Zone (Mixed) 100%

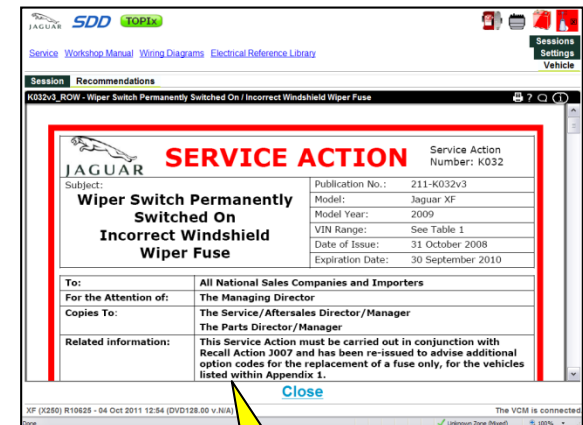
Deliver SDD Data from TOPIX



- In order to enable immediate release to market of updates, some data will be made

available via TOPIX

- Bulletins
 - Read direct from TOPIX - latest information
- Symptom Maps
 - Daily check for updates then downloaded to local machine
 - Still delivered on fortnightly software update cycle
- SPA Tests
 - Downloaded on-demand direct from TOPIX
- DTC Information
 - Existing vehicle information remains on the tester
 - New DTC Help Text downloaded on-demand direct from TOPIX
 - New DTC Descriptions updated through the software update cycle



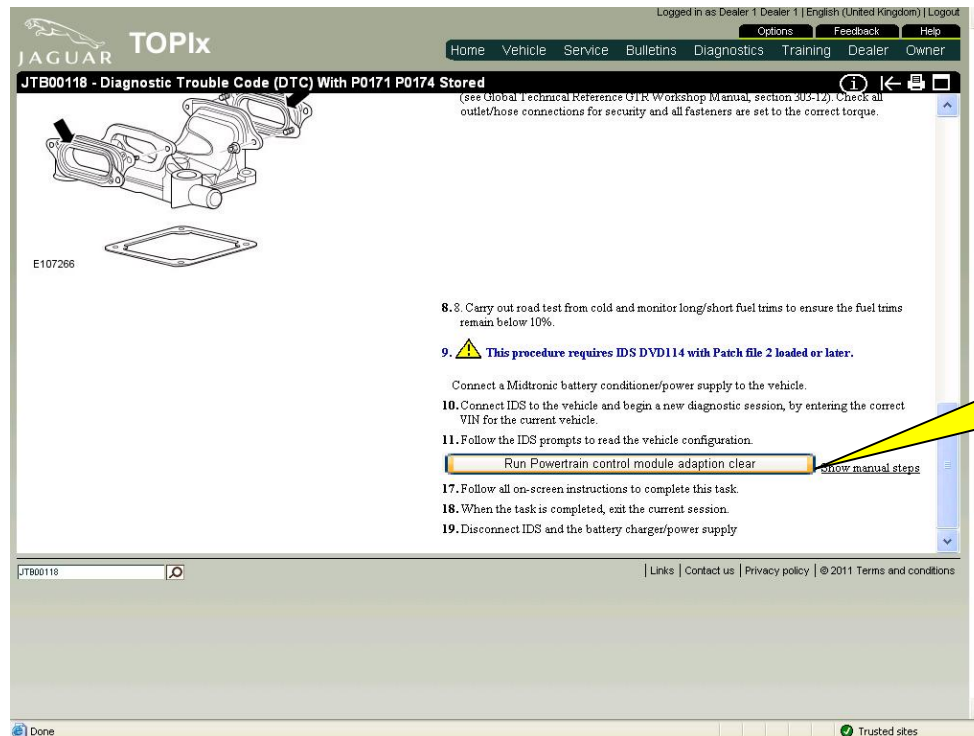
Online Data Example

SDD will access Service Bulletin Candidate from TOPIX

Launch Diagnostics from Bulletins



- Links to PAG MCP applications will be embedded in Service Bulletins & Campaigns
 - Can be launched within SDD or TOPIX (laptop must have SDD installed)
 - Ensure technician has access to the correct diagnostic routine
 - Saves timing when performing Service Bulletin actions



Launch PAG MCP from Bulletin Example

Click on Link to launch PAG MCP

Can be performed in both SDD and TOPIX