



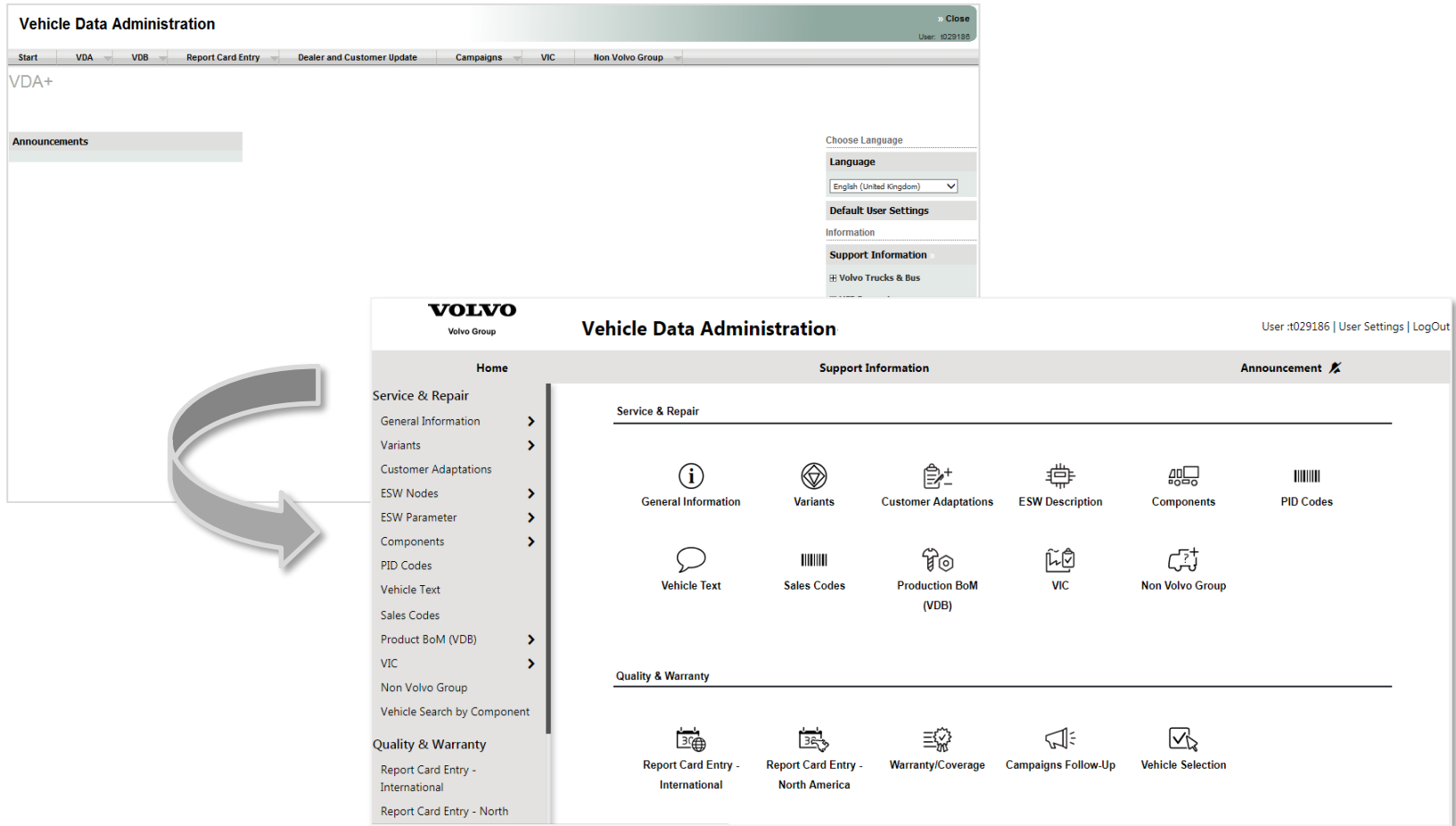
New VDA+ Solution

New VDA+ user interface



- ☐ Main project objective was to rewrite VDA+ As-Is due to technical reasons. Upgrade of old platform and communication set-up etc.
- ☐ Information and functionalities mostly remain the same throughout the application.
- ☐ Some changes are introduced. E.g
 - Modern Look & Feel
 - General Improvements ...
- ☐ **Following 17 slides will explain all changes and new features in detail.**

New VDA+ Look & Feel



- ❑ New themes (colors and logos) according to Volvo Group latest guideline
- ❑ New layout
 - Left navigation area available through-out all application pages
 - Clickable Icon/Text navigation options (instead of drop-down list navigation)
 - **Support Information** and **Announcements** as main menu options
 - **User Settings** (incl. preferred language etc) available as a Header option

New Themes – Layout, Colors & Logos

VOLVO
Volvo Group

Vehicle Data Administration

User :t029186 | User Settings | LogOut

HomeSupport InformationAnnouncement 

Service & Repair

General Information >

Variants >

Customer Adaptations

ESW Nodes >

ESW Parameter >

Components >

PID Codes

Vehicle Text

Sales Codes

Product BoM (VDB) >

VIC >

Non Volvo Group

Vehicle Search by Component

Quality & Warranty

Report Card Entry - International

Report Card Entry - North America

Warranty/Coverage

Campaigns Follow-Up

Vehicle Selection

Service & Repair


General Information


Variants


Customer Adaptations


ESW Description


Components


PID Codes


Vehicle Text


Sales Codes


Production BoM (VDB)


VIC


Non Volvo Group

Quality & Warranty


Report Card Entry - International


Report Card Entry - North America


Warranty/Coverage


Campaigns Follow-Up


Vehicle Selection

Left Navigation Section

The screenshot displays the Volvo Vehicle Data Administration interface. The top header includes the Volvo logo, the title 'Vehicle Data Administration', and user information 'User :t029186 | User Settings | LogOut'. Below the header is a navigation bar with 'Home', 'Support Information', and 'Announcement' links. The left navigation menu is highlighted with a green box and contains two main sections: 'Service & Repair' and 'Quality & Warranty'. The 'Service & Repair' section is expanded, showing a sub-menu with options like 'General Information', 'General History', 'Variants', 'Customer Adaptations', 'ESW Nodes', 'ESW Parameter', 'Components', 'PID Codes', 'Vehicle Text', 'Sales Codes', 'Product BoM (VDB)', 'VIC', 'Non Volvo Group', and 'Vehicle Search by Component'. The 'Components' option is highlighted, and its sub-menu is expanded, showing 'Component History', 'PID Codes', 'Vehicle Text', 'Sales Codes', 'Product BoM (VDB)', 'VIC', 'Non Volvo Group', and 'Vehicle Search by Component'. The main content area shows a grid of icons representing different vehicle data categories: 'ESW Description', 'Components', 'PID Codes', 'VIC', 'Non Volvo Group', 'Campaigns Follow-Up', and 'Vehicle Selection'.

Service & Repair

- General Information >
- Variants >
- Customer Adaptations
- ESW Nodes >
- ESW Parameter >
- Components >
- PID Codes
- Vehicle Text
- Sales Codes
- Product BoM (VDB) >
- VIC >
- Non Volvo Group
- Vehicle Search by Component

Quality & Warranty

- Report Card Entry - International
- Report Card Entry - North

Service & Repair Sub-menu

- General Information ▼
- General History
- Variants >
- Customer Adaptations
- ESW Nodes >
- ESW Parameter >
- Components ▼
- Component History
- PID Codes
- Vehicle Text
- Sales Codes
- Product BoM (VDB) >
- VIC >
- Non Volvo Group
- Vehicle Search by Component

Main Content Area

- ESW Description
- Components
- PID Codes
- VIC
- Non Volvo Group
- Campaigns Follow-Up
- Vehicle Selection

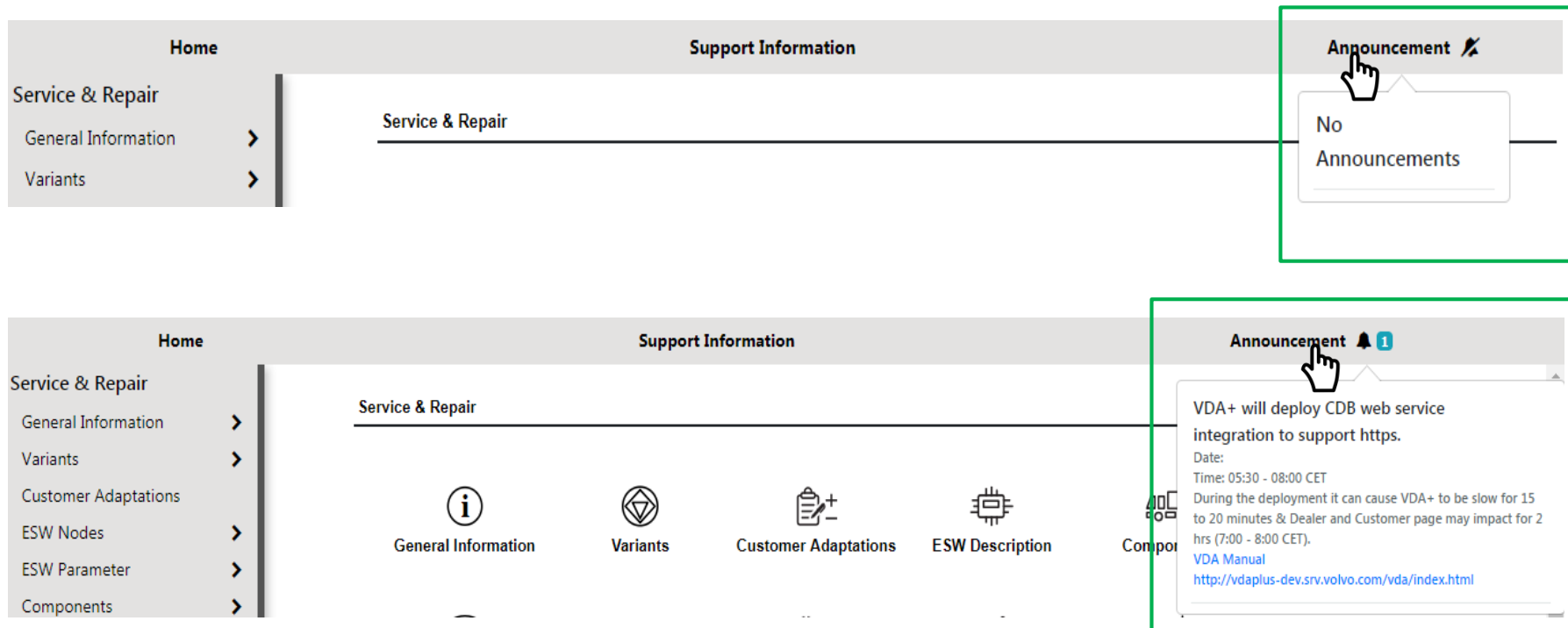
- ❑ Provides an overview to see current **active page** and an easy way to navigate to other pages
- ❑ History view options easy to access
- ❑ History option expands and collapse on
 - Clicking the main topic name (as Components)
 - Clicking on the arrow signs (> , ▼)

Support Information

The screenshot displays the Volvo Group Support Information page. The top navigation bar includes 'Home', 'Support Information' (highlighted with a green box and a hand icon), and 'Announcement'. The main content area is divided into three columns. The left column lists various support topics like 'General Information', 'Variants', 'Customer Adaptations', etc. The middle column contains three contact cards: 'Volvo Group Trucks and Buses' (DBS NORDIC FD), 'Volvo Penta', and 'Volvo CE'. The right column shows 'Announcement' and 'PID Codes'. The 'Volvo Group Trucks and Buses' card provides contact details for DBS NORDIC FD, including phone numbers for Sweden, Norway, Denmark, Finland, and Iceland, as well as email and timing information. The 'Volvo Penta' card provides contact details for Penta, including email and phone numbers. The 'Volvo CE' card provides contact details for CE, including email and phone numbers. The 'Application User Manual' section lists various manuals, including 'General Guidelines', 'Release Notes', 'Manual - Report Card Entry IE', 'Manual - Report Card Entry NA', 'Manual - VDB Chassis ID Information', 'Manual - VDA', 'Manual - Dealer & Customer Update', 'Manual - Non Volvo Group', and 'Manual - Campaigns per Vehicle'.

- ☐ Support Contacts Information is displayed based on a user's **BALDO settings**
 - **Country** is mapped to corresponding **DBS Support** area
 - **Business Areas** are mapped to **Volvo Group Trucks & Buses, Penta and VCE**
- ☐ Users **VDA+ roles** in BALDO are mapped to corresponding **User Manuals**

Announcements



☐ **Announcements** have a separate option in the main menu

☐ Clicking on the Announcement option will display a text box with relevant information



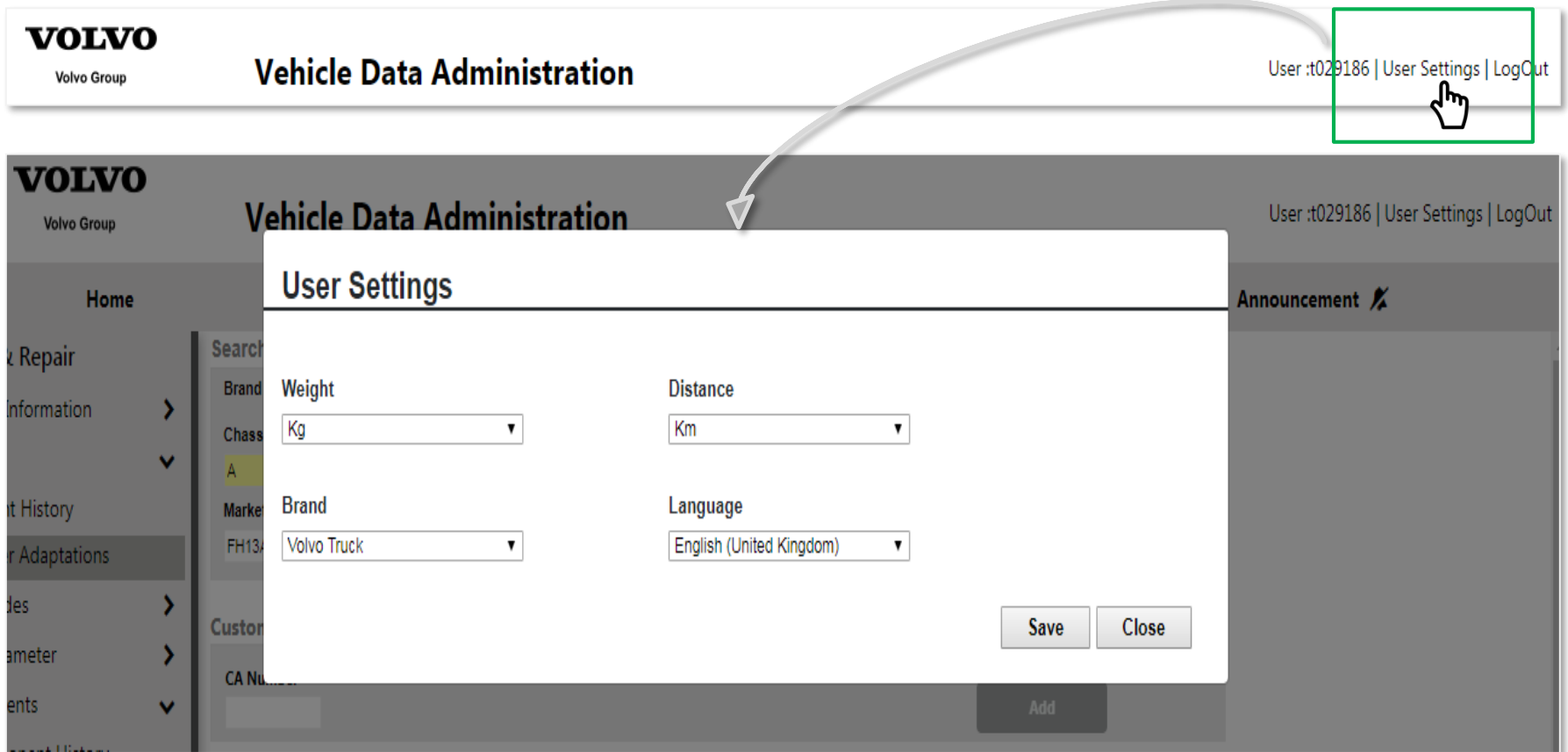
No announcement available



One or more announcements available

☐ Announcements information can include links to access separate documentation with additional details

User Settings



- ☐ **User Settings** is used for selecting preferred Weight, Distance, Brand and Language to be applied throughout the application
- ☐ At first login
 - Weight and Distance units are set to Kg and Km
 - **Brand** is set based on **preferred Business Area** in BALDO
 - **Language** is set based on **preferred language** in BALDO

Search Options and Functionality

Search Vehicle

Brand

☒ Chassis ID

☐ Reg. No.

☐ VIN

☐ Marketing type

☐ Unit Number

Search Vehicle - General Information

Brand

Chassis Series	Chassis No	VIN	Reg. No.
A	800000		
Marketing type	Chassis No	Unit Number	

Search Vehicle - General Information

Brand

Chassis Series	Chassis No	VIN	Reg. No.
A	800000	YV2RT60G7HA800000	XR64430
Marketing type	Chassis No	Unit Number	
FH13A84R	800000		

- ☐ Any **active field is used for searching** (instead of radio buttons)
 - Active fields are highlighted to help users to track the location of the cursor
 - A field is highlighted with yellow background color to indicate which field was used for the latest search result
- ☐ The **Clear button** is used to clear all search values and any existing search result
- ☐ **Automatic searches** are performed as users a switching between different pages for the **same Vehicle ID**

General Information – New View

General Data		Miscellaneous		Plant Information		Sales Information	
Chassis ID	A 800000	Country Of Operation	NOR	Delivery Date	27/02/2017	Inactive Code	
VIN	YV2RT60G7HA800000	Exported to		Delivery Mileage	0 Km	Inactive Date	
Reg. No	XR64430	Delivery Importer	890	Retail Date	27/02/2017	Vehicle Operation	48
Unit No		Old Importer	0	Free Text		Vehicle Application	
Product Class	24	Product Type	FH 84 TR	Main Spec. Week	16453	Marketing Type	FH13A84R
						AfterMarket Model	FH (4)
Selling Dealer	1115	Wist Last & Buss AS		Owning Customer	2064589371	Sparebank 1 Finans Midt-Norge AS	
Repairing Dealer	1115	Wist Last & Buss AS		Using Customer	3250443284	Galgufte Betongpumping AS	
Ship To Dealer ID							

❑ General Information – General Data tab – includes more information and options

- Dealer and Customer ID's and names. Address details are displayed on hovering **Information icons**.
- Repairing Dealer and Owning/Using customers can be modified using the **Edit icon**/option
- Inactive Code and Date (= *Scrapped, Stolen and Removed From Service statuses*)
- Retail Date (= *date when Report Card Entry is performed*)
- Free Text (*previously called Special Info*)

General Information – New View

Volvo Group

Repairing Dealer

Search Dealer

Retail Country Name
Norway - 890

☒ Dealer Number ☐ Name

Search Criteria:

Dealer Information

Retail Country Id: 890
Dealer Number: 1115
Name: Wist Last & Buss AS

Postal Code: N-7707
Address: Postboks 2069

City:
State:

Search **Clear**

Save **Close**

Unit No	Old Importer	Free Text	Vehicle Application	Commercial Brand
XR04430	890	27/02/2017	40	Volvo
Product Class: 24	Product Type: FH 84 TR	Main Spec. Week: 16453	Marketing Type: FH13A84R	AfterMarket Model: FH (4)
Selling Dealer: 1115 Wist Last & Buss AS	Repairing Dealer: 1115 Wist Last & Buss AS	Ship To Dealer ID:	Owning Customer: 2064589371 Sparebank 1 Finans Midt-Norge AS	Using Customer: 32504432 Galgufen Betongpumping AS

- ❑ Clicking the Edit option () will open up a window where dealer-vehicle relations can be modified
- ❑ A similar pop-up window is used for modifying customer-vehicle relations
- ❑ Same information, functionality and way of working applies as in older VDA+ application

Report Card Entry – New Layout

Report Card Entry - International

[Back To Search Page](#)

Chassis ID: A-835333 >> VIN No.: YV2RT60C7JA835333 >> Marketing Type: FH13A62T

Vehicle Information

Reg. No.

Delivery Date *



Total Weight

Kg

Vehicle Operation *

Dealer/Customer Information

Selling Dealer



Owning Customer



Repairing Dealer



Using Customer

☐ Copy Dealer☐ Copy Owning Customer

- ☐ All required information is updated in one page (previously a three step procedure using three tabs)
- ☐ Dealer and Customer ID's are added using edit icon options 

Report Card Entry – New Layout

Report Card Entry - International

Chassis ID: A-815333 >> VIN No.: YV2XTY0G6HA815333 >> Marketing Type: FM13A84R

Back To Search Page

⚠ This vehicle is already registered.

Copy

Vehicle Information

Reg. No.

Delivery Date *

Total Weight

Vehicle Operation *

04/04/2018

0

44-TRUCK, TIPPER > 250 KM

Dealer/Customer Information

Selling Dealer

Owning Customer

107

Jecheon Service Center

0

Repairing Dealer

Using Customer

0

- ☐ In case a vehicle is reported already there is an information message - ***"This vehicle is already registered"***
- ☐ Use the ***"Back To Search Page"*** option for finding a new vehicle to report
- ☐ Use the ***"Copy"*** button to report next vehicle using an already reported vehicle as a template. Following data will be automatically copied to the next vehicle:
 - Dealer information
 - Customer Information

Components & ESW Description Views

The screenshot displays the Volvo Vehicle Data Administration interface. The top navigation bar includes the Volvo logo and the title "Vehicle Data Administration". Below this, there are two main tabs: "Home" and "Support Information". The "Home" tab is active, showing a sidebar menu with various options. The "Support Information" tab is also visible, showing a grid of icons for different vehicle data categories.

The sidebar menu on the left includes the following items:

- Service & Repair
 - General Information
 - General History
 - Variants
 - Customer Adaptations
 - ESW Nodes
 - ESW Nodes History
 - ESW Parameter
 - ESW Parameter History
 - Components
 - Component History
 - PID Codes
- Vehicle Text
- Sales Codes
- Product BoM (VDB)
- VIC
- Non Volvo Group
- Vehicle Search by Component

The "ESW Nodes" item in the sidebar is highlighted with a green box. A dropdown menu is open for "ESW Nodes", showing options for "ESW Nodes History", "ESW Parameter", "ESW Parameter History", "Components", "Component History", and "PID Codes". The "ESW Nodes" option is selected, and a sub-menu is visible with "TEA2+ Nodes" and "TEA2 Node" options. The "TEA2+ Nodes" option is highlighted with a green box.

The main content area shows the "ESW Description" view. It features a grid of icons for different vehicle data categories: General Information, Variants, Customer Adaptations, ESW Description (highlighted with a green box), Components, Vehicle Text, Sales Codes, Production BoM (VDB), VIC, and Non Volvo Group. The "ESW Description" icon is highlighted with a green box.

Below the grid, there is a section for "Add new node" with fields for "Node Family", "Node Type", and "Node Position", and an "Add" button. Below this is a "Search results" section with a table showing the following data:

Details	Node Name	Short Description	Long Description
	1.1.0	EMS	Engine Management System
	2.1.0	ACM	Aftertreatment Control Module
	3.1.0	TECU	Transmission ECU
	4.1.0	RCIOM	Rear Chassis I/O Module
	4.2.0	CCIOM	Center Chassis I/O Module
	4.3.0	FCIOM	Front Chassis I/O Module
	5.1.0	APM	Air Pressure Management
	6.1.0	VMCU	Vehicle Master Control Unit

❑ The ESW Description view is providing TEA2 and TEA2+ information in one page (also for History information)

Components & ESW Description Views

- ESW Nodes 
- ESW Nodes History
- ESW Parameter 
- ESW Parameter History
- Components 
- Component History

- ☐ **ESW Nodes** option includes both TEA2 and TEA2+ information
- ☐ **ESW Parameters** option includes both TEA2 and TEA2+ parameters
- ☐ **Components** option does no longer include TEA2 ECU and SW information
 - Only non-ESW components (*e.g engine, turbo, seat etc*)

TEA2+ Node History

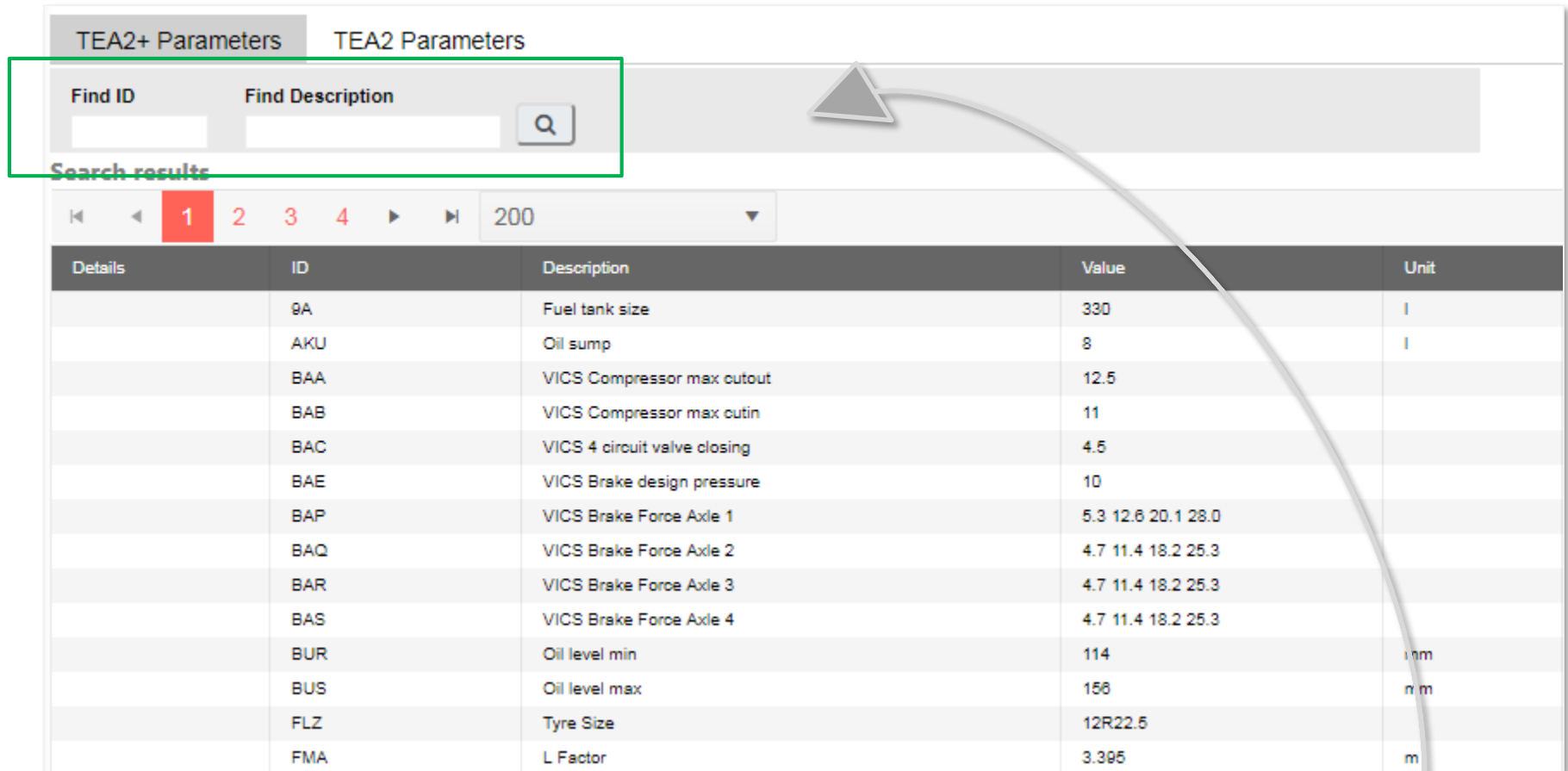
TEA2 Node History

Details	Change Date	User ID	Node Name	Short Description	ECU Part No	ECU Serial No	MSW Part No	SP Part No	Compare
Details		START	1.1.0	EMS	21900545	16426604	22851157	22018790	☐
Details	2017-02-15-13.08.28.678454	NAMS	1.1.0	EMS	21900545	16426604	22969177	22018790	☐
Details		START	12.1.0	TGW2	22555751	16420117	22824350	22793331	☒
Details	2017-04-06-10.57.20.844335	DOTA	12.1.0	TGW2	22555751	16420117	23101106	22793331	☒
Details	2017-06-30-16.02.54.513464	NAMS	12.1.0	TGW2	22555751	16420117	23170334	22960626	☒
Details	2017-10-02-18.41.27.892154	NAMS	12.1.0	TGW2	22555751	16420117	23230528	23216474	☒
Details	2018-04-09-16.44.11.109003	N.RAMS	12.1.0	TGW2	22555751	16420117	23343004	23323903	☒
Details		START	2.1.0	ACM	22449430	16436061	22853219	22390951	☐
Details	2017-02-15-12.51.35.963939	NAMS	2.1.0	ACM	22449430	16436061	22988229	22390951	☐

Compare 5

- ☐ **TEA2+ Node** History have a **compare button** available in the lower right corner (no scrolling ever needed)
- ☐ **TEA2 History** now have a **specific view** (no longer part of general Technical History)

Components & ESW Description Views



TEA2+ Parameters TEA2 Parameters

Find ID Find Description 

Search results

◀ ◻ 1 2 3 4 ▶ ▶ 200 ▼

Details	ID	Description	Value	Unit
	9A	Fuel tank size	330	l
	AKU	Oil sump	8	l
	BAA	VICS Compressor max outout	12.5	
	BAB	VICS Compressor max outin	11	
	BAC	VICS 4 circuit valve closing	4.5	
	BAE	VICS Brake design pressure	10	
	BAP	VICS Brake Force Axle 1	5.3 12.6 20.1 28.0	
	BAQ	VICS Brake Force Axle 2	4.7 11.4 18.2 25.3	
	BAR	VICS Brake Force Axle 3	4.7 11.4 18.2 25.3	
	BAS	VICS Brake Force Axle 4	4.7 11.4 18.2 25.3	
	BUR	Oil level min	114	mm
	BUS	Oil level max	158	mm
	FLZ	Tyre Size	12R22.5	
	FMA	L Factor	3.395	m

- ❑ As the number of TEA2+ parameters are so many, and growing by the year, we could experience a small delay in displaying **All** parameters in one page
- ❑ Instead of listing All parameters and using Ctrl + Find is possible to use a Find option 
- ❑ Search on either ID or Description and it will the the parameter on any page

Additional Improvements & Updates

Chassis ID
A 800000

Part Number
VO

Part Desc.

Product Class

Func (KOLA)
251

S/P

Func (PartNo)

☒ List Included Parts

Search

Chassis Information

Factory
01

Country
NOR

Type
FH13A84R

Assembly Week
201645

Delivery Date

Number of Articles
16

Main Parts **Included Parts**

1 - 8 of 8 items

Export to Excel

Included Parts	SpecNo	POL	Func (KOLA)	Link	Rec	RecL	QTY	Value	Func (PartNo)	SP	IK	RB	Parts Prefix	Part Number	T	Description
	61	251	000494286				1		1512	Y	I		VO	947281	D	GASKET,10*13,5
	61	251	000494303				6		2516	Y	I		VO	20855371	D	GASKET,MD13 EXH MANIFOLD
	61	251	000495865				1		1515	Y			VO	960628	D	PLUG,M10x1*8
	61	251	000495873				12		1154	Y	I		VO	993167	D	SPACER SLEEVE,13.5*18,9*5
	61	251	000505058				12		1122	Y	I		VO	21344787	D	FLANGE SCREW,M10*90
	61	251	000505851				12		1122	Y			VO	996457	D	FLANGE SCREW,M8*70

Chasis_informatio....xlsx

- Excel export options are available on more pages (for example VDB and Campaign pages).

Owning Customer 2064589371 Sparebank 1 Finans Midt-Norge AS

Using Customer 3250443284 Galguften Betongpumping AS



- Now utilizing latest CDB service supporting both privacy and Renault legacy customer management

Additional Improvements & Updates

Variants

Section

- All
- All
- Service and maintenance
- Engine with mounting and equipment
- Electric power supply, lighting, instruments
- Power transmission
- Brake
- Wheel suspension and steering
- Frame, springs, damping and wheels
- Body, cab and interior
- Miscellaneous special functions

Variant Symbol

Add

1 - 582 of 582 items

		Function Group	Action
FH 84 TR	F-SERIES HIGH 8*4 TAG RIGID	0000	
UWVTA	NOT WVTA APPROVED VEHICLE	0000	
24-HDV	HEAVY DUTY VEHICLE, VOLVO	0000	
UWVTAPPR	WITHOUT WHOLE VEHICLE TYPE APP	0090	
ULEGC	LEGCHECK DISABLED FOR ORDER	0090	

- ❑ Use the **All option** to list all Variants and Components on the same page
 - Previously it could only be done in Sections (grouped according to function groups)
 - Use All in combination with Ctrl + Find to search for specific variants