

ISP Parts Search User Documentation

Daimler AG, GSP/ORE

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Mercedes-Benz

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1. Important notes on using the user documentation

1.1 Using this user documentation

This user documentation has been designed to allow users to quickly find and retrieve the information they need when they need it.

To navigate within this user documentation, you can simply click on a heading in the Contents (left click). This will automatically take you to the corresponding section in this document.

1.2 Legal notes

Although the greatest possible care has been exercised to ensure the correctness and completeness of the information provided in this user documentation, errors and inaccuracies cannot be fully ruled out. No legal responsibility or liability is assumed for any undiscovered errors or for consequences arising from such errors. The information contained in this user documentation reflects the current development status and may be altered without prior notice. Future versions may include additional information. Technical and typographic errors will be corrected in future versions. This user documentation, along with all materials eligible for copyright that are distributed with the product, are protected under copyright law. All rights are reserved by Daimler AG. No copyrightable materials may be copied or duplicated, in whole or in part, in any manner whatsoever, without the prior consent of Daimler AG. For rightful users of the product, this consent is deemed given as part of the contractual agreements. All copies of this Online Help, or parts thereof, must include this copyright notice without alteration.

2. Added value, access and notes

2.1 Added value of ISP Parts Information

What added value does ISP Parts Information offer?

ISP Parts Information is an online application which does not require installation. The latest vehicle data are always available to you due to a direct VeDoc service (VIS-Service). The time needed to correct and update parts documentation has also been reduced.

2.2 Accessing ISP Parts Information

2.2.1 Access via the SAI-Portal

The screenshot shows the Daimler After-Sales Platform interface. At the top left is the Daimler logo, and at the top right is 'After-Sales Platform'. Below the logo is a navigation bar with 'Daimler AG', 'Please choose language', and the date '22.10.2018'. A sidebar on the left contains a 'Welcome (C2KPOLIT)' message and a list of menu items: Home, Personal data, Language settings, Password question, Change password, Support Information, and Logout. The main content area displays a maintenance reminder for 'XENTRY Portal: ODUS' from 18.10.2018 to 23.10.2018. Below this, there is a 'Home' section with the text 'Please choose your application:'. A table of application options is shown, with 'Parts Information' highlighted by a red box. The table lists 'Parts Information' and 'XENTRY Support and Feedback' as options. At the bottom right, there is a release note: 'Release: 2.1.3.0 (P1-0)' and a copyright notice: 'Copyright: 1998-2017 Daimler AG. All rights reserved. Provider, Legal Notices and Terms, Privacy Statement'.

Figure 1 "Accessing ISP Parts Information via the SAI-Portal"

The screenshot shows the 'Parts query' interface. At the top, there are tabs for 'Vehicles and major assemblies', 'Paints & operating fluids', 'Search in SA', 'Workshop equipment', and 'Parts for model designation'. Below the tabs, there are two search input fields: 'Model designation or VIN' and 'Part search'. A 'Search' button is located to the right of the 'Part search' field. Below the search fields, there is a grid of vehicle categories with corresponding images: PC (Passenger Car), Cross-country vehicle, Van, Trucks, Bus, Unimog, MB-Trac, and smart. Each category is represented by a small image of a vehicle.

Figure 2 "ISP Parts Information home screen"

Note: The scope of the home screen can be reduced to the VIN and part search input fields and the drop-down selection option for power systems. This significantly improves the performance of the system. Activation or deactivation of the full view is defined in the user settings. (See section 2.2.4. Special user settings 5 d)

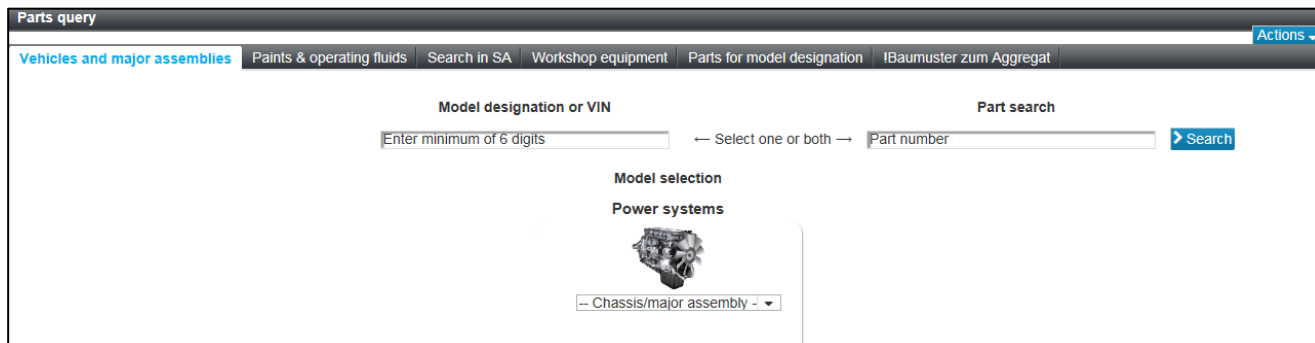


Figure 3 "Modified home screen"

2.2.2 Notification for Vehicles Registered as Stolen

Parts query is not possible for vehicles registered as stolen, as VeDoc is not capable of sending vehicle information to Parts Information. For vehicles that have been registered as stolen, a notification is shown as soon as a vehicle is defined.

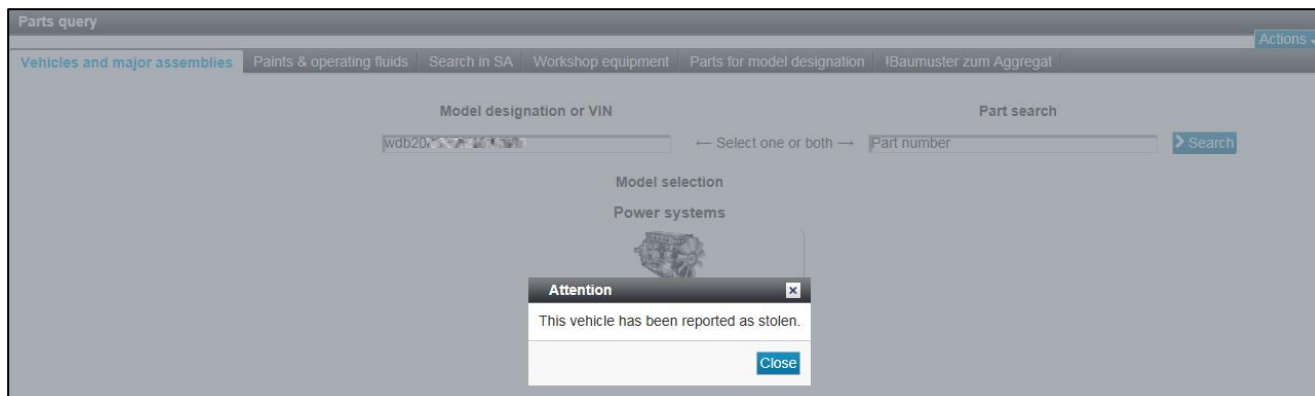


Figure 4 "Stolen vehicle"

2.2.3 Expiry of session

If you are inactive for more than **60 minutes**, your session will expire.

A window notifies you that your session has expired. After you confirm by clicking on **OK**, the system takes you back to the home screen.

2.2.4 Special user settings

Clicking on **Actions** → **Settings** takes you to your specific user settings. The display of parts availability, parts prices and parts lists is **deactivated by default**. If the display of price and availability is deactivated, this may have a positive effect on system performance depending on your data link. The **Save** button is used to save your entries. Click on the **Close** button to cancel or close.

Here, the various checkboxes, grouped according to topics, can be clicked on and off to enable you to activate or deactivate them again at any given time:

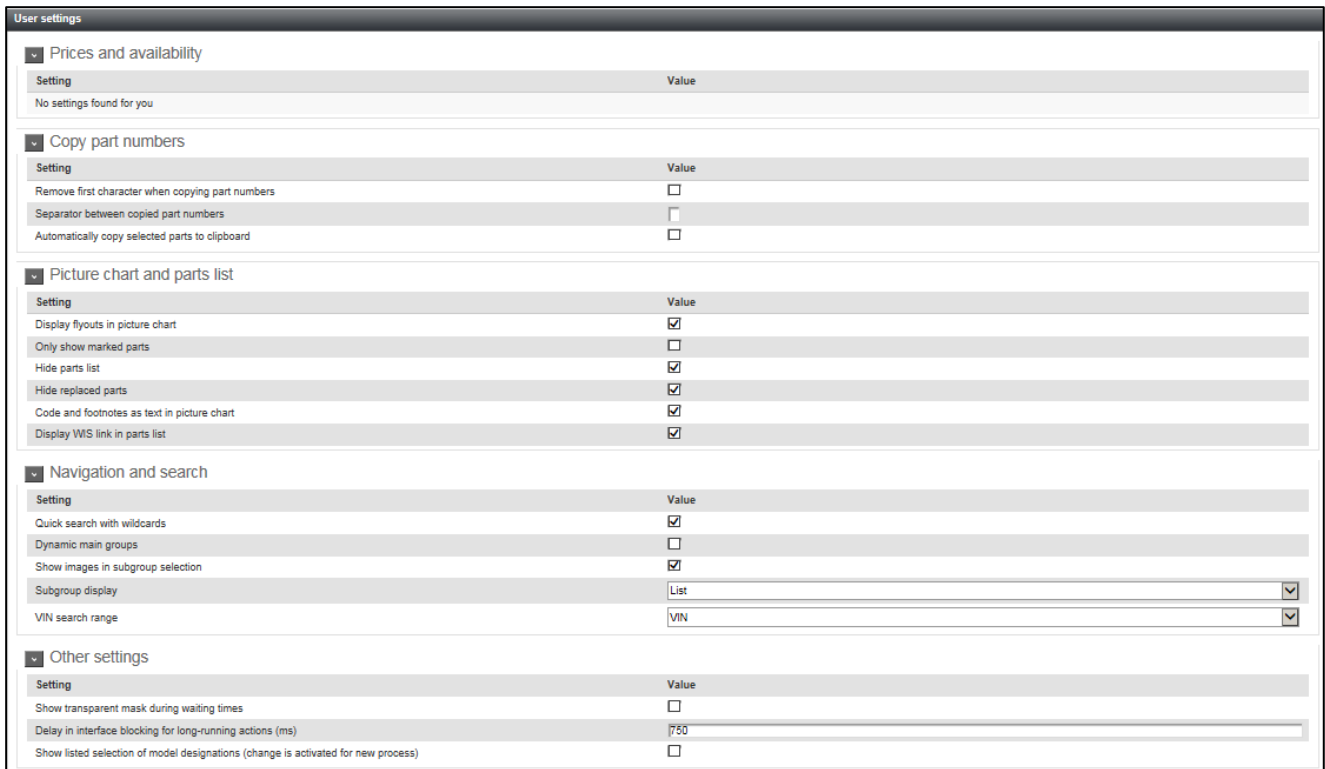


Figure 5 "User settings view"

1. PRICES AND AVAILABILITY

Unavailable

2. COPY PART NUMBERS

a. Remove first character when copying part numbers

Removal of the first character when copying part numbers

b. Separator between copied part numbers

Define separator for copied parts

c. Automatically copy marked parts to clipboard

Automatic copying of highlighted parts

3. PICTURE CHARTS AND PARTS LISTS

a. Display flyouts in picture chart

Activation and deactivation of flyouts in picture charts

b. Only show marked parts

Only the highlighted parts are displayed

c. Hide parts list

Parts list is not displayed by the system and has to be manually expanded

d. Hide replaced parts

Show/hide replaced parts

e. Code and footnotes as text in picture chart

Activate or deactivate permanent display of code and footnotes

4. NAVIGATION AND SEARCH

a. Quick search with wildcards

Activate or deactivate quick search with wildcards

b. Dynamic main groups

Dynamic main groups

c. Show images in subgroup selection

Display of miniature view of subgroups

d. Subgroup display

Define display of subgroups

e. **VIN search range**

Definition of search options for FIN/VIN, FIN or VIN

5. **OTHER SETTINGS**

a. **Shopping cart output format**

Choice between XFR and XML formats

b. **Show transparent mask during waiting times**

Activate or deactivate a transparent screen during waiting times

c. **Delay in interface blocking for long-running actions (ms)**

Define delay

d. **Show listed selection of model designations (change is activated for new process)**

Reduce scope of home screen

2.3 **Control elements** (symbols and feature list)

2.3.1 **Flyout menu for main groups**

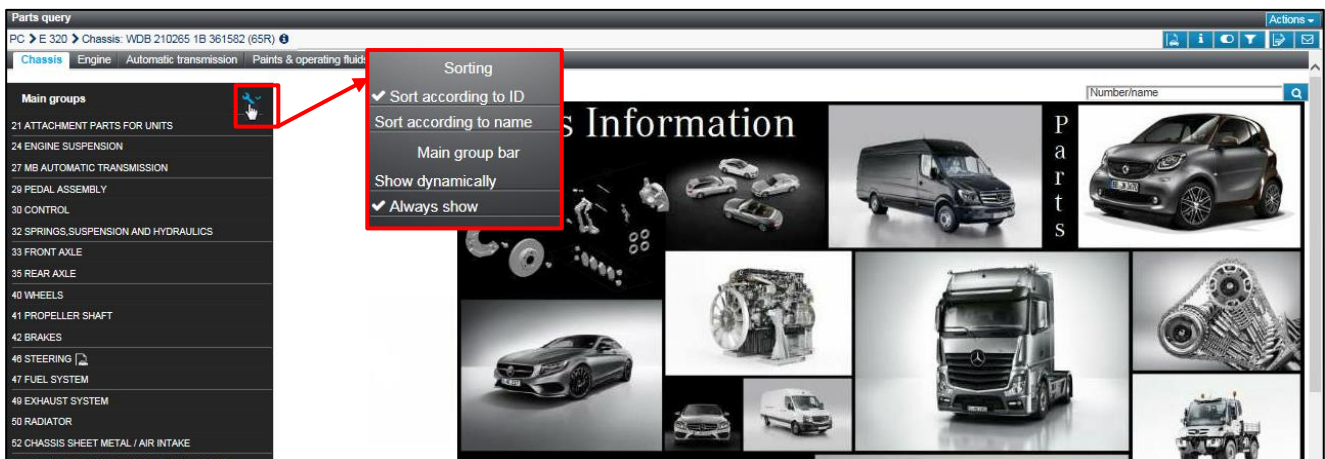


Figure 6 "Flyout menu for main groups"

You can collapse the menu in the main groups area. Clicking on the **Tool** symbol brings up the following functions:

Sorting:

- Sort according to ID (the main groups are sorted numerically based on the serial number)
- Sort according to name (the main groups are sorted alphabetically)

Main group bar:

- Show dynamically (dynamically show and hide the flyout menu)
- Always show (the flyout menu appears continuously in the job content view)

Note: Dynamic display/hiding of the flyout menu can also be defined in the settings (see [Chapter 2.2.4](#)).

3. Defining vehicle/major assemblies

3.1 Vehicle definition

Enter the **FIN/VIN** or the **model designation** in the input field. You can also start the vehicle definition manually using the **Model selection** search sequence (see [Chapter 3.2](#)). You can however also search for your desired parts directly, with or without vehicle data. To do so, use the "Parts search" search field on the right.

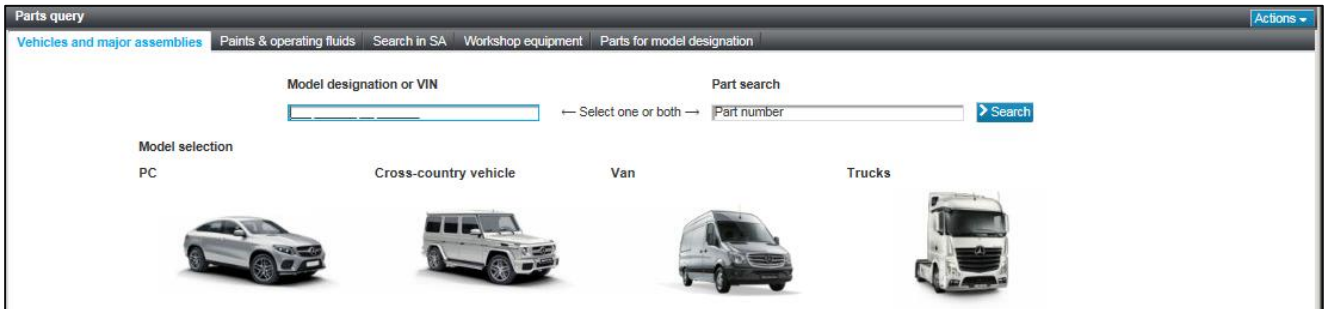


Figure 7 "ISP Parts Information home screen"

The **Model designation or FIN/VIN** field has a length check to detect errors.

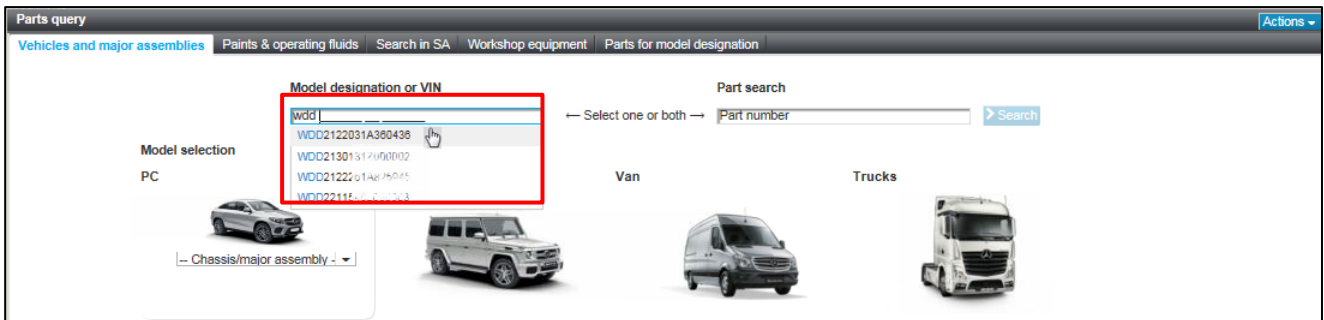


Figure 8 "Intelligent search field"

Character length errors, e.g. due to entering a copied VIN or due to invisible spaces, can be **automatically corrected**. The search only becomes **active** if the input length is: **6, 8** or **17** characters. If the character length is correct, the button is no longer grayed out. This makes it easier to detect length errors during input.

If the entered FIN has a country-specific catalog selection assigned to it, this is automatically shown in a pop-up window. This can also be used to call up the data card.

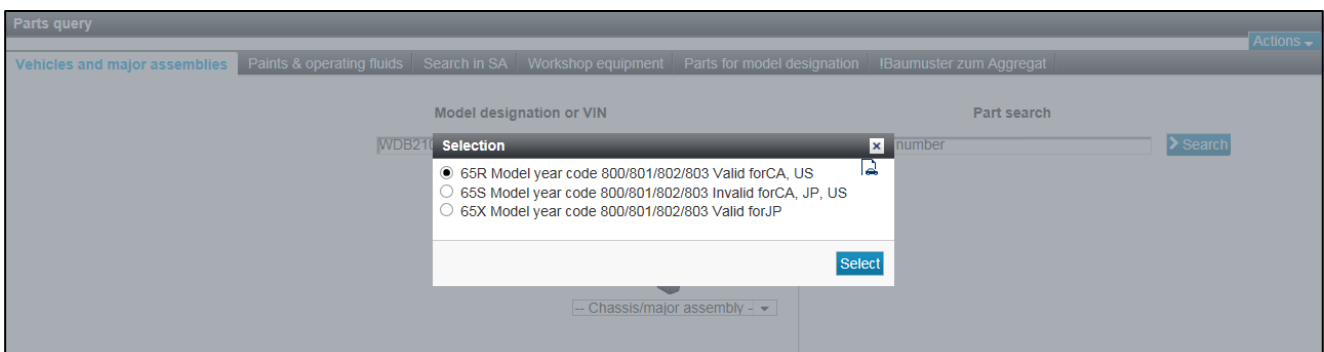


Figure 9 "Country-specific catalog selection"

The model designations/FINs/VINs that you have recently entered are displayed in the search field. As soon as you start to make an entry, the field automatically filters within the previously entered

model designations/FINs/VINs. 25 valid FIN entries are filed. Only 10 entries are shown however, for a better overall view.

You can start your parts search both with or without vehicle data. If you enter the part number together with the model designation/FIN/VIN, the system searches for the part in the specified vehicle.

If you enter the part number without the model designation/FIN/VIN, the system searches for the part without a vehicle context. Further information about the search functions can be found in [Chapter 8](#), including parts search with and without vehicle data.

Note: Ideally, parts identification should be carried out with a vehicle identification number (VIN) because this means that the data card is evaluated at the same time. Furthermore, assisted evaluation of the data card information is useful for identifying color and equipment-related parts.

If a data card cannot be found for the VIN entered, the following notification is displayed:

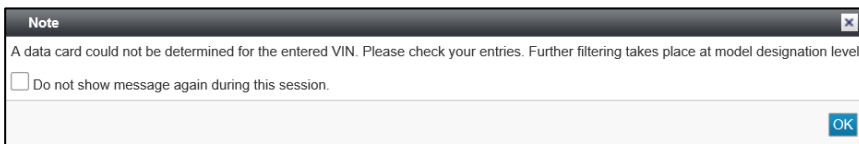


Figure 10 "Notification: No data card determined."

Starting a search with an identification number (fully qualified): FIN/VIN

Vehicle definition with the FIN:

Enter the internal 17-digit vehicle identification number (FIN) with its world manufacturer code into the input field and confirm with **Search**. The parts query then opens. Entry of the FIN is not case-sensitive. Alternatively, you can also enter the last 8 digits of a FIN. A list appears with FINs that include these 8 digits. Clicking on the required FIN defines the vehicle and you can then start your query procedure.

Note: When entering the FIN/VIN of a vehicle with a remanufactured engine, the end number filtering is automatically deactivated by the system for this major assembly so that you can locate the desired parts during your parts search. Immediately after defining the vehicle, a corresponding notification appears regarding the deactivation of the end number filter

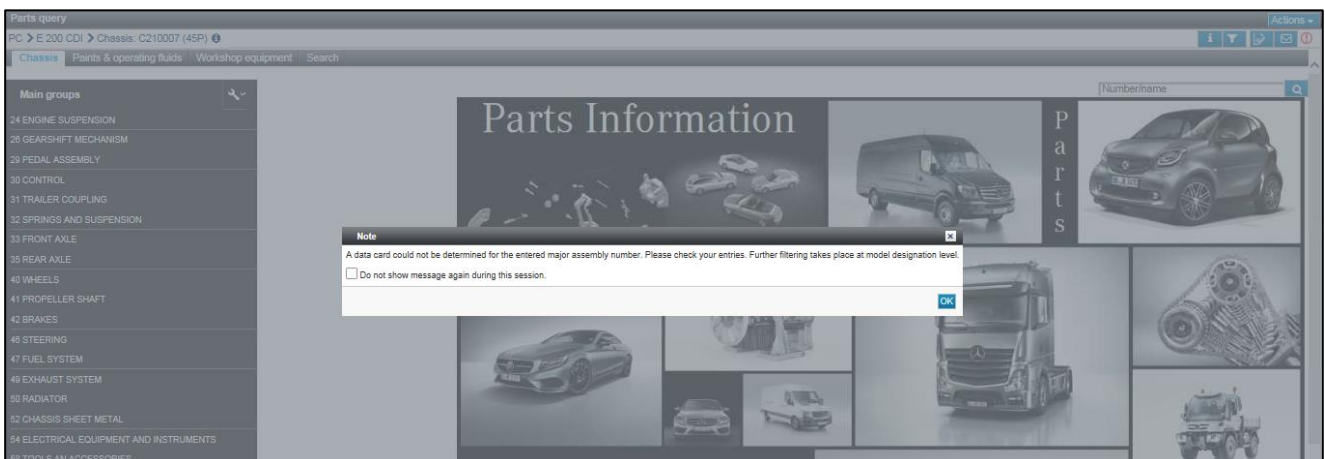


Figure 11 End number filter automatically deactivated

Note: When you enter a vehicle identification number whose data card is not known, the 6-digit model designation will be evaluated. You can check at any given time whether you are in the correct catalog (major assembly). All you need to do here is click on the information symbol at the right, next to the model designation and then you will see comments on the model designation.



Figure 12 "Show comments"

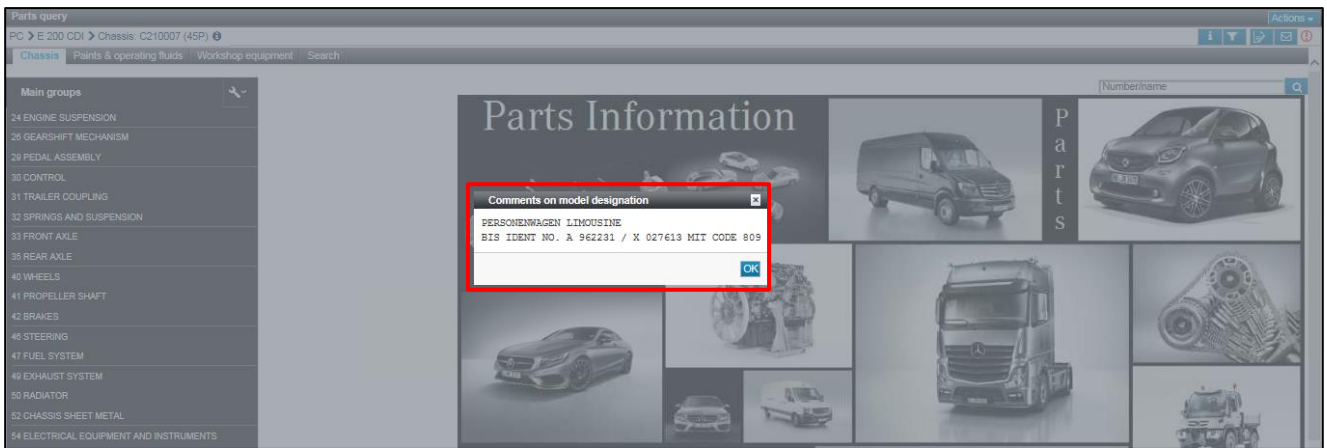


Figure 13 "Comments on model designation"

Vehicle definition with a VIN (Vehicle Identification Number):

Enter the 17-digit VIN or alternatively the last 8 digits of the VIN in the input field (e.g. 4JGBB22EX8A398391) and confirm your entry with **Search**. The parts query opens. If entry of the last 8 digits does not find a unique match, a dialog window for VIN selection is displayed. Then select the matching VIN.

The entered VIN is always visible in the navigation bar. The world manufacturer code (WMC) and the catalog number are also displayed here.



Figure 14 "Decoded VIN in navigation path"

Note: In your user settings, you can set whether the search should be conducted using VIN, FIN or FIN/VIN.

Starting a search with a model designation (partially qualified)

The vehicle data can be determined through a model or major assembly model designation (e.g. model 211016, engine 541923, transmission 710612 etc.). To do so, enter the model designation (6-digit) in the input field and confirm with **Search**. Select the desired assortment class as necessary. The search becomes active once at least 3 characters of a model series are entered. After entering the characters and confirming with the Enter button, the corresponding model designations (including

the sales description) are displayed for selection. You can also filter the displayed suggestions to quickly find the desired model.

Note: When carrying out parts identification with a model designation (6-digit), it is not necessary to select the world manufacturer code.

Starting a search with a major assembly identification number (IAG)

Parts identification can also be carried out with a major assembly identification number (engine, transmission etc.). When entering an AGG-ID (e.g.: 442901520000144), a pop-up window appears to ask you about the assortment class of the major assembly (AGG). The parts query opens after you make a selection. A search can also be conducted without specifying the world manufacturer code.

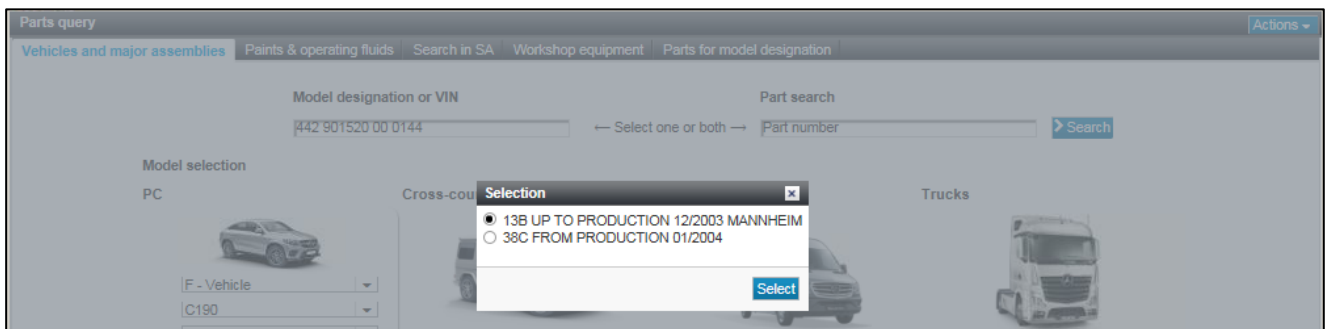


Figure 15 "Starting a search with a major assembly identification number"

Note: If no data card can be found for the major assembly identification number that was entered, the following notification is displayed: "Unable to find data card for major assembly number entered. Please check your entry. Further filtering is at the model designation level."

3.2 Manual model selection

The vehicle data can also be defined manually using a search sequence.

Vehicles and major assemblies

The vehicle data can be determined through a vehicle model designation or major assembly model designation. Please select the desired **assortment class**. Then select the **chassis/major assembly**. In the next pull-down menu, first select the **model series** (e.g. E 213) and then the **model designation** (e.g. E 300). The search then starts.

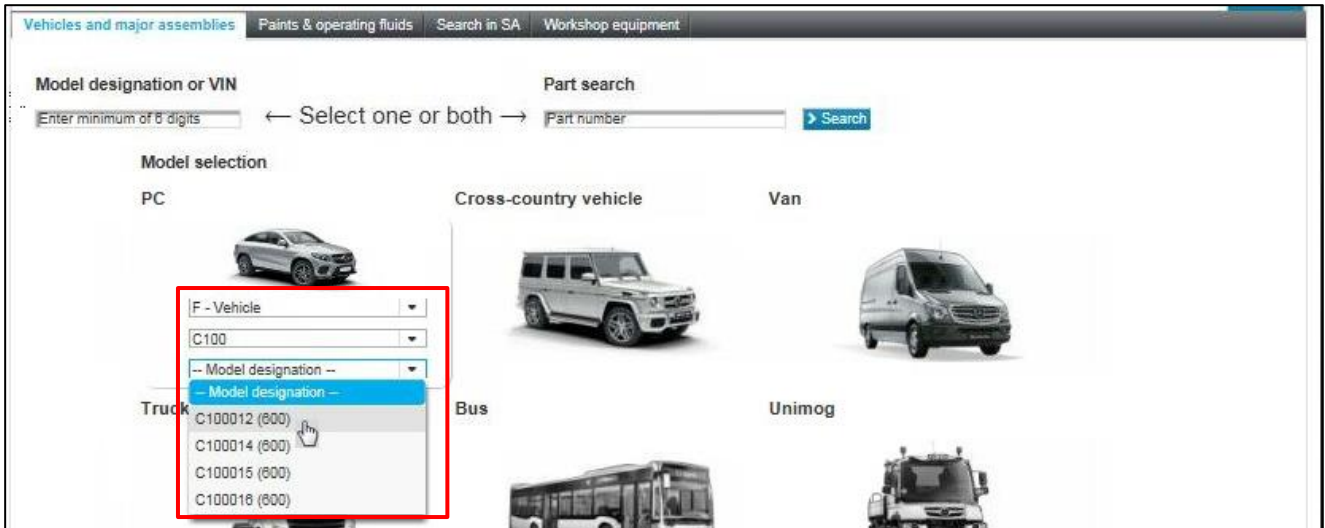


Figure 16 "Model selection pull-down menu"

Note: When carrying out parts identification with the assortment class, it is not necessary to select the world manufacturer code.

Power systems

Select the desired assortment class as necessary. Then select the **chassis/major assembly**. The contents of the pull-down menu are reduced accordingly. Then select the desired model series and model designation.

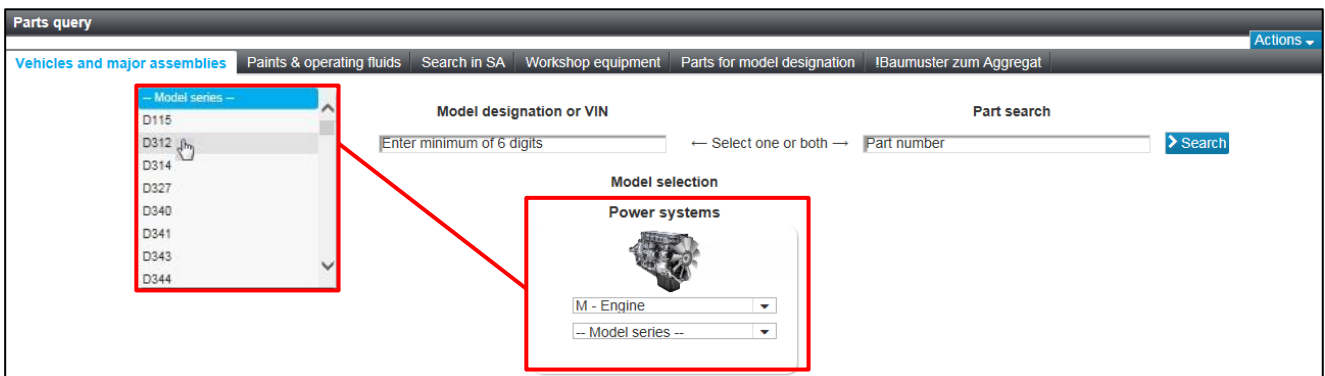


Figure 17 "Power systems pull-down menu"

3.3 Search for variant parts list/construction kit

Without vehicle data

If there are no vehicle data available, it is possible to search for the part number of the variant parts list (SA) under the "Search in SA" tab. To do so, enter the part number and confirm with Search.



Figure 18 "Search in SA"

Two dialogs then appear. Here you click first on the desired model designation and then select the part number according to the filtered criteria (designation, Group/SA etc.).

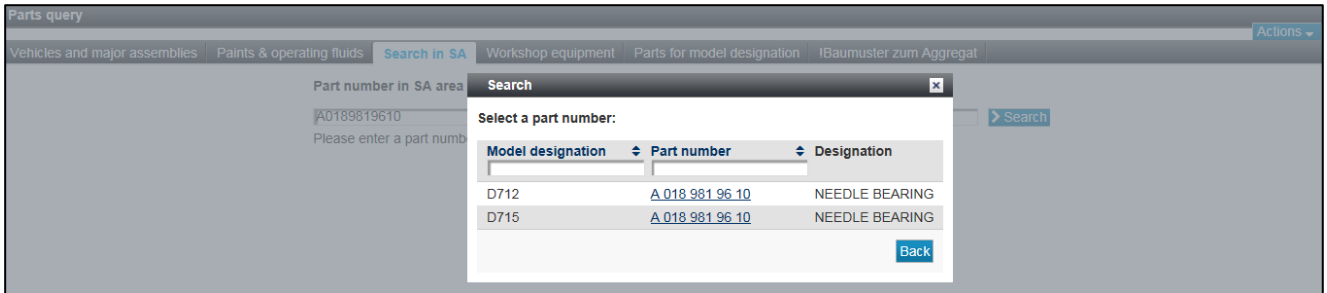


Figure 19 "Selection of model designation"

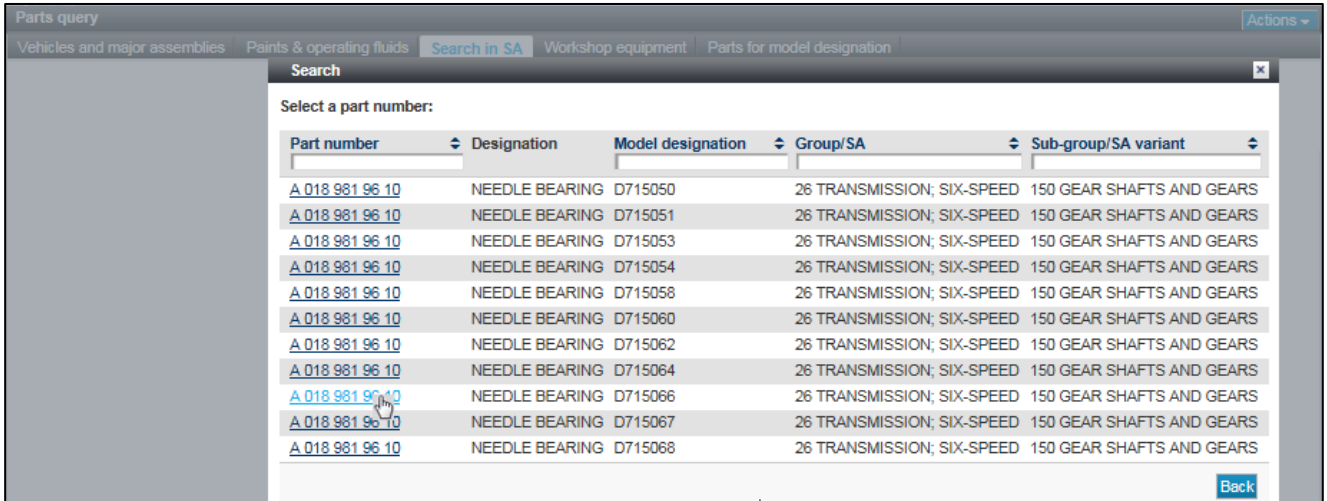


Figure 20 "Selection of part number"

After making this selection, you are taken directly to the desired part. The part is automatically highlighted in the parts list.

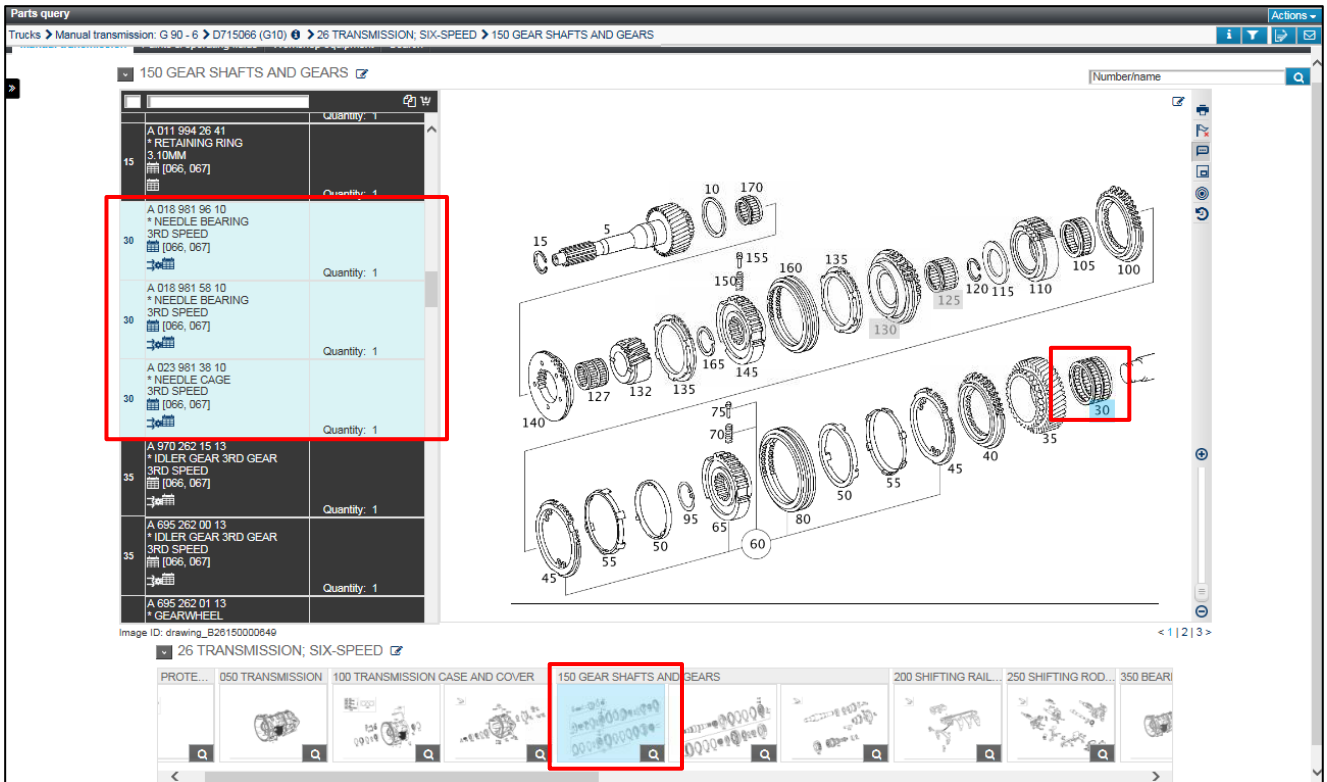
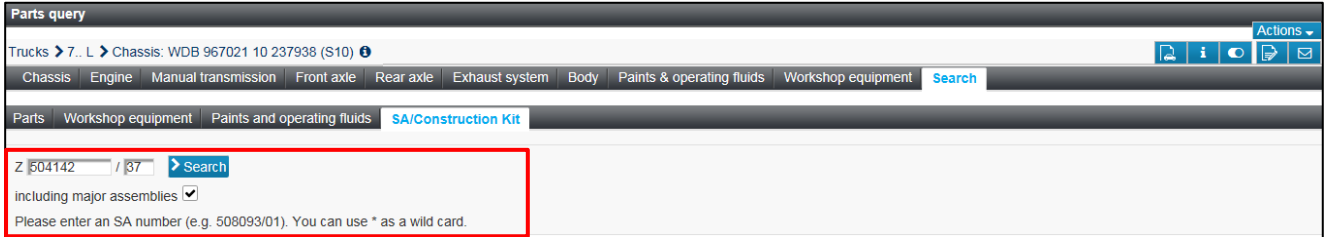


Figure 21 "Display of the searched part"

With vehicle data

This search can only be carried out on a vehicle-specific basis. To do so, first define a vehicle and then select the **Search** tab. Click on the **SA/Construction kit** tab and enter the SA number. Confirm with **Search**.



Parts query

Trucks > 7.. L > Chassis: WDB 967021 10 237938 (S10)

Chassis Engine Manual transmission Front axle Rear axle Exhaust system Body Paints & operating fluids Workshop equipment Search

Parts Workshop equipment Paints and operating fluids SA/Construction Kit

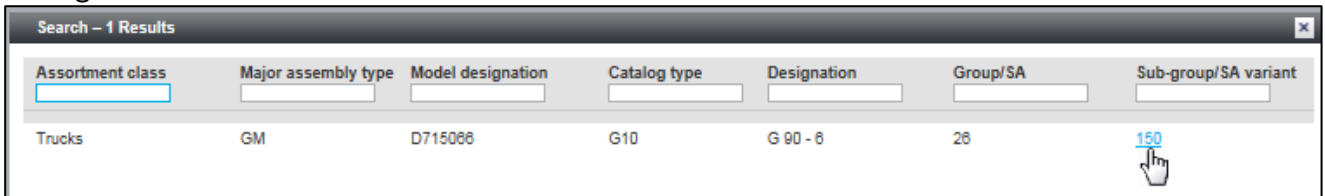
Z 504142 / 37 Search

including major assemblies

Please enter an SA number (e.g. 508093/01). You can use * as a wild card.

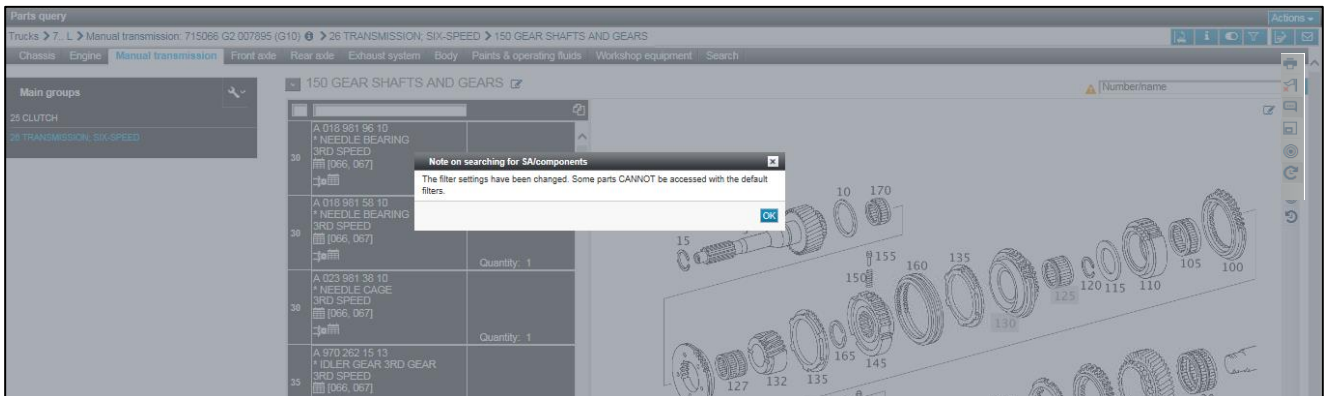
Figure 22 "SA/construction kit search"

In the results list, click on the desired blue link and then confirm the notification on the changed filter settings.



Assortment class	Major assembly type	Model designation	Catalog type	Designation	Group/SA	Sub-group/SA variant
Trucks	GM	D715066	G10	G 90 - 6	26	150

Figure 23 "Selection of subgroup"



Parts query

Trucks > 7.. L > Manual transmission: 715066 G2 007895 (G10) > 26 TRANSMISSION, SIX-SPEED > 150 GEAR SHAFTS AND GEARS

Chassis Engine Manual transmission Front axle Rear axle Exhaust system Body Paints & operating fluids Workshop equipment Search

Main groups

- 25 CLUTCH
- 26 TRANSMISSION, SIX-SPEED

150 GEAR SHAFTS AND GEARS

Note on searching for SA/components

The filter settings have been changed. Some parts CANNOT be accessed with the default filters.

Quantity: 1

Quantity: 1

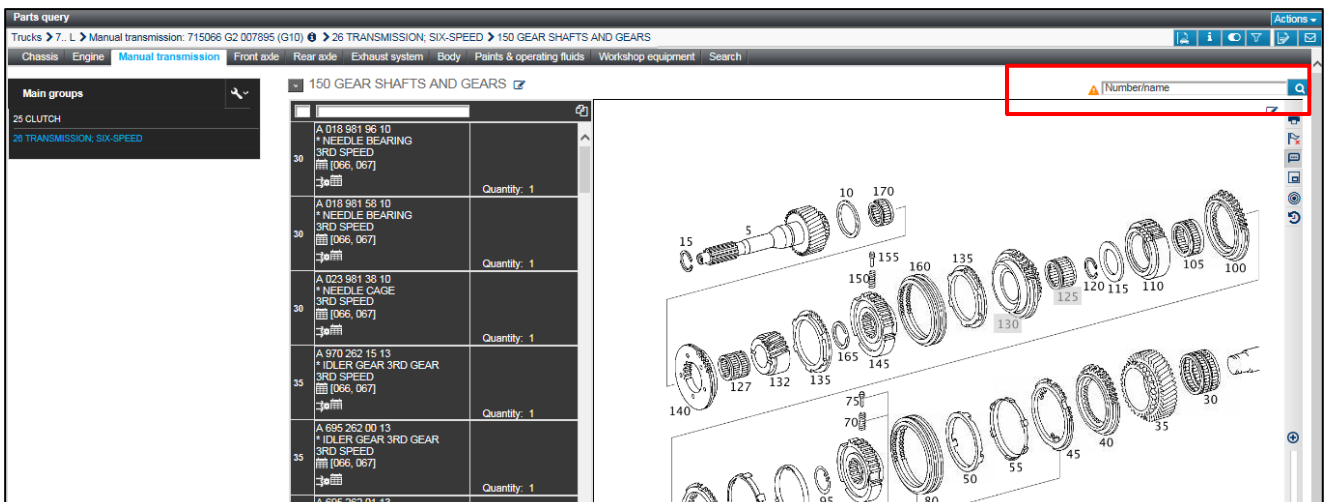
Quantity: 1

Quantity: 1

Quantity: 1

Figure 24 "Notification about filter settings"

After the notification is closed, you will then immediately only see the parts which match the SA number entered. The change to the filter settings is indicated by an exclamation mark symbol.



Parts query

Trucks > 7.. L > Manual transmission: 715066 G2 007895 (G10) > 26 TRANSMISSION, SIX-SPEED > 150 GEAR SHAFTS AND GEARS

Chassis Engine Manual transmission Front axle Rear axle Exhaust system Body Paints & operating fluids Workshop equipment Search

Main groups

- 25 CLUTCH
- 26 TRANSMISSION, SIX-SPEED

150 GEAR SHAFTS AND GEARS

Quantity: 1

Quantity: 1

Quantity: 1

Quantity: 1

Quantity: 1

Number/name

Figure 25 "Notification symbol on filter settings"

Item	Part number	Designation/additional information	Qty
> 30	A 018 981 96 10	* NEEDLE BEARING 3RD SPEED 066, 067 SA: Z 504.142 37 Optionally: A0189815810, A0239813810, A0189819610, A0189815810, A0239813810	1
> 30	A 018 981 58 10	* NEEDLE BEARING 3RD SPEED 066, 067 SA: Z 504.142 37 Optionally: A0189819610, A0239813810, A0189819610, A0189815810, A0239813810	1
> 30	A 023 981 38 10	* NEEDLE CAGE 3RD SPEED 066, 067 SA: Z 504.142 37 Optionally: A0189819610, A0189815810, A0189819610, A0189815810, A0239813810	1
> 35	A 970 262 15 13	* IDLER GEAR 3RD GEAR 3RD SPEED 066, 067 SA: Z 504.142 37	1

Figure 26 "Parts for SA number entered"

You then can easily switch between the main groups and subgroups and only ever see the parts which match the SA number i.e. the filtering of the parts is applied to the entire vehicle.

3.4 Model designation for major assembly

The "Vehicle model designation for major assembly" tab allows you to search for vehicle model designations in which a particular major assembly is installed. To do so, enter the model series or model designation (3 to 6 digits) into the search field and confirm your search with the Enter button or by clicking on "Search".

Parts query		Actions
Vehicles and major assemblies	Paints & operating fluids	Search in SA
Workshop equipment	Parts for model designation	!Baumuster zum Aggregat
!Baureihe oder Baumuster		
<input type="text" value="3 oder 6 Zeichen"/> <input type="button" value="Search"/>		

Figure 27 "Model designation for major assembly"

The window "Results list for vehicles with major assembly" contains all vehicle model designations in which the major assembly you searched for is installed. Click on the blue link of the desired model designation and then select the catalog number in the "Selection" pop-up window.

!Baureihe oder Baumuster	
<input type="text" value="717417"/> <input type="button" value="Search"/>	
!Trefferliste für Fahrzeuge mit Aggregat 717417	
!Fahrzeug Baumuster	Designation
> 170435	SLK 200
> 202018	C 180
> 202020	C 200
> 202022	C 220
> 202023	C 230
> 202078	C 180 Station Wagon
> 202080	C 200 Station Wagon
> 202083	C 230 Station Wagon
> 202125	C 250 Diesel
> 208335	CLK 200
> 208435	CLK 200 Cabriolet
> 210010	E 250 D

Figure 28 "Results list for major assembly"

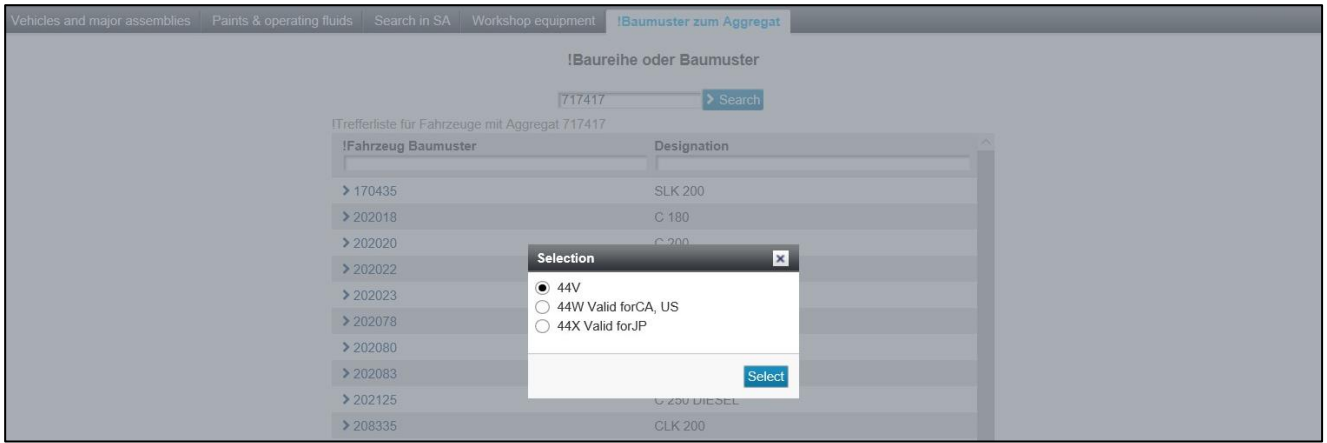


Figure 29 "Selection of catalog number"

4. Querying and identifying parts

4.1 Determining the group/subgroup

After determining the vehicle data, the query window of ISP Parts Information appears. Here you can navigate your parts query from the main group and subgroup through to the desired item numbers.

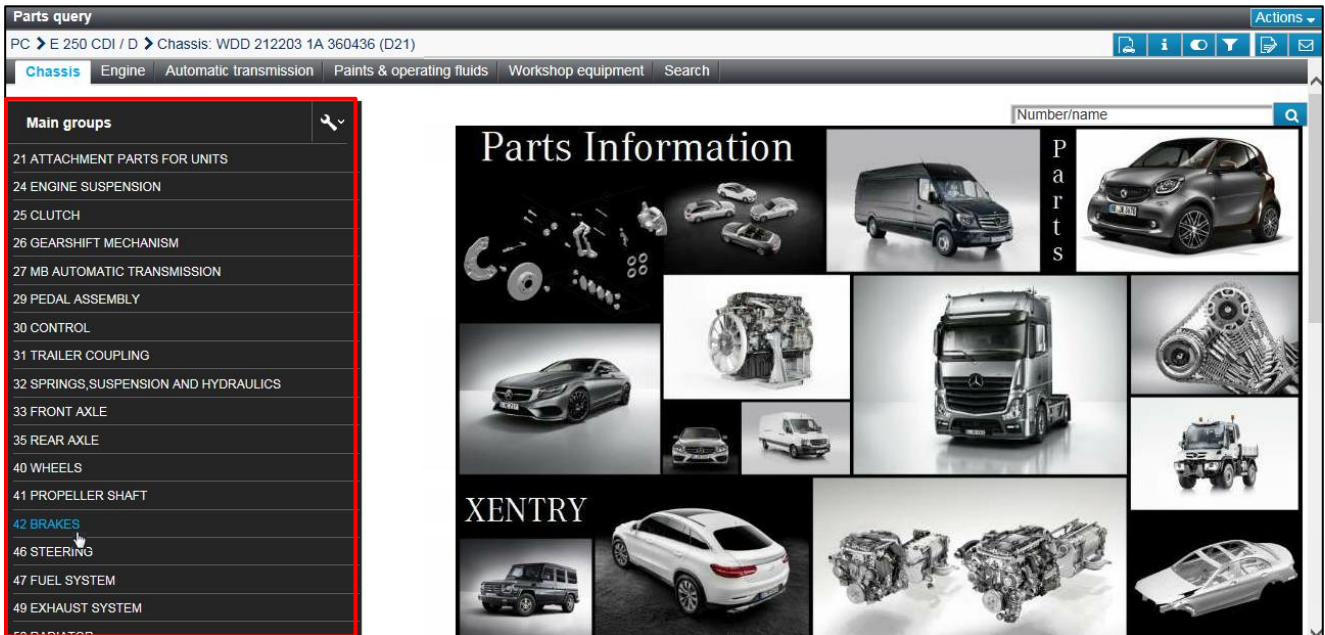


Figure 30 "Determining the group/subgroup"

After selecting a **main group**, select a subgroup. The **subgroup** menu displays to subgroup pictures as **miniature pictures**.

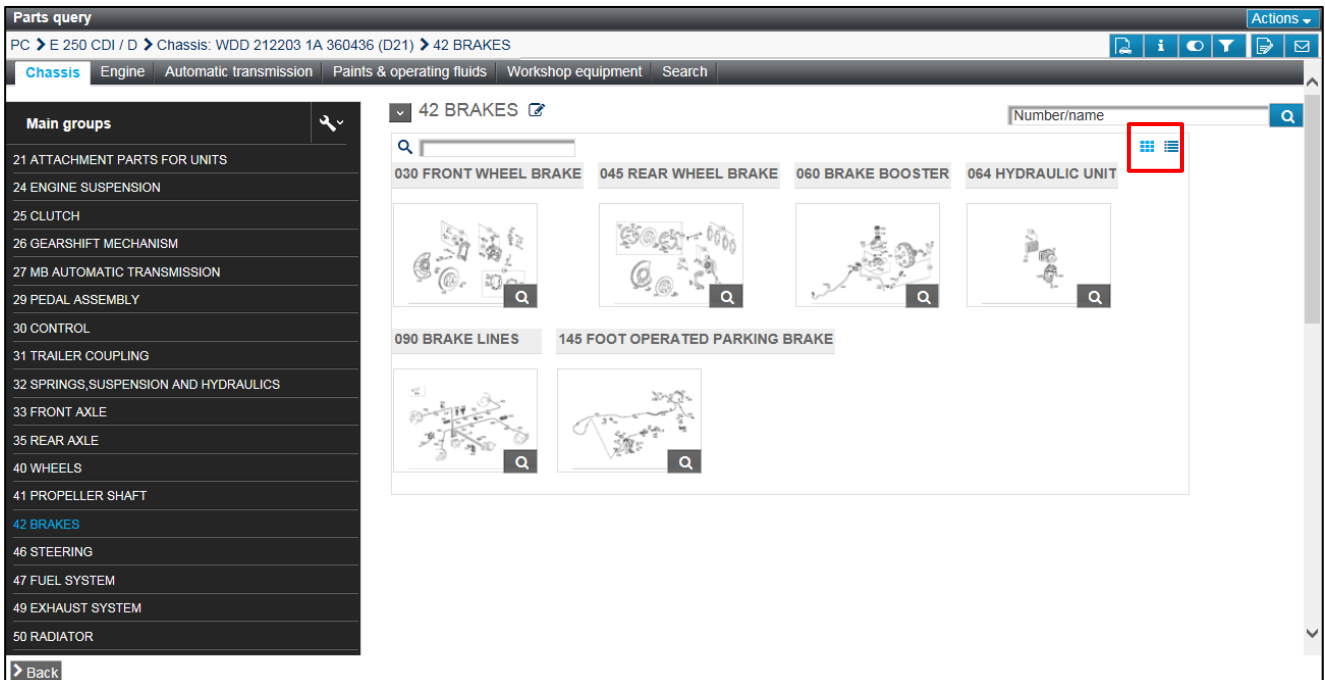


Figure 31 "Miniature picture display"

The display of the miniature pictures allows you to visually identify the desired subgroup. The subgroups can be displayed in lists or groups. Grouped display is particularly useful for main groups with large numbers of subgroups because this means you have to scroll less. The subgroup pictures can also be deactivated in the user settings if desired.

Alternatively, you can also enter the main group number (2-digit)/subgroup number (3-digit) at top right in the **Number/ Name** field directly with the keyboard and confirm with **"Enter"**.

If a main group contains SA numbers, these are displayed in the list at the top. The other subgroups are displayed after it.

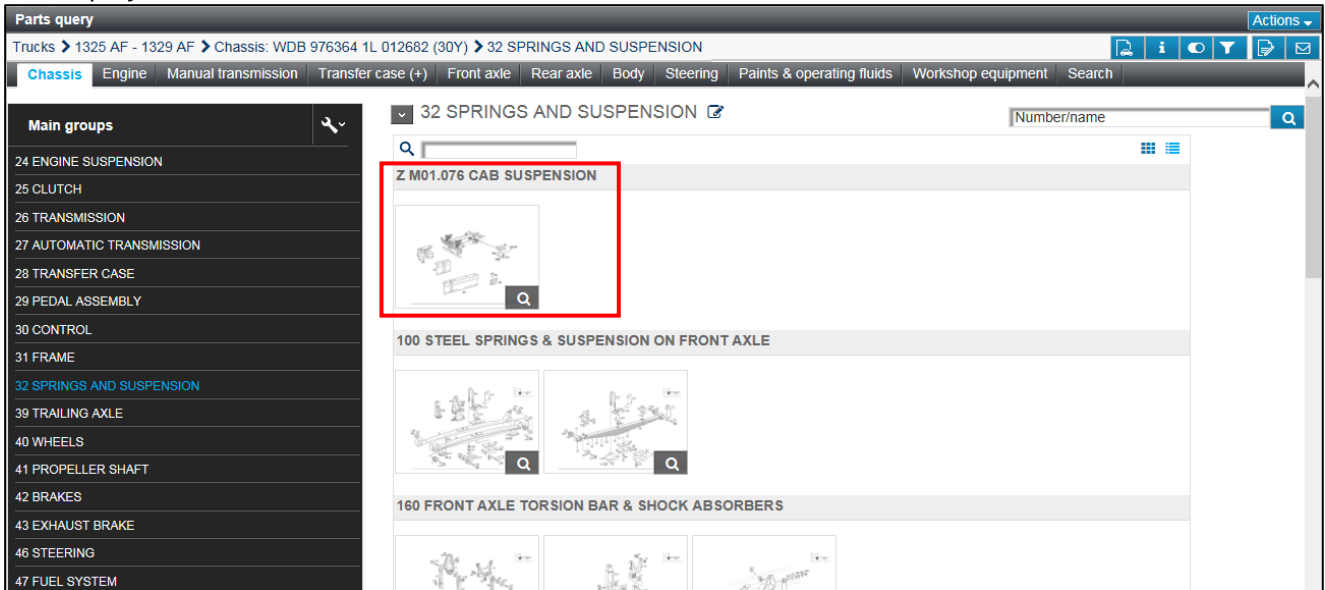
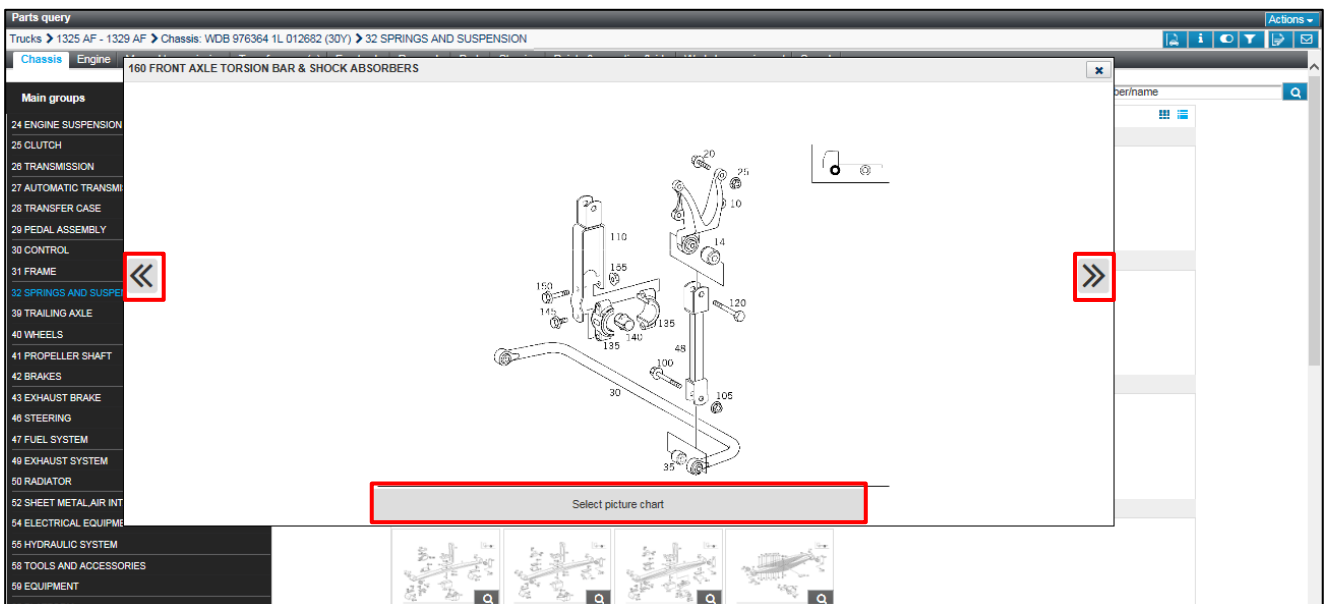


Figure 32 "Optimized display of SAs in main groups"

4.2 Subgroup preview pictures

Clicking the magnifying glass in the preview picture in the **subgroup** menu brings up an enlarged preview picture. It is possible to scroll very quickly through the preview pictures of an entire **design group (DG)** either using the arrows in the picture (control via computer mouse) or using the arrow buttons on the keyboard.

The preview picture can be closed with the **X** at the top right of the picture.



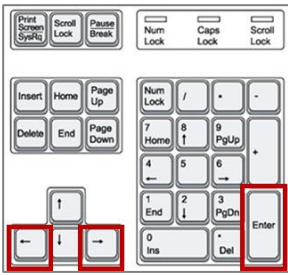


Figure 33 "Subgroup preview picture"

Once you have reached the desired subgroup, you can switch directly to the parts search function for the selected subgroup by clicking on **Select picture chart** or by pressing the "Enter" key.

Note: The preview pictures can also be deactivated or activated as necessary under **Actions** → **Setting**.

4.3 Select subgroup

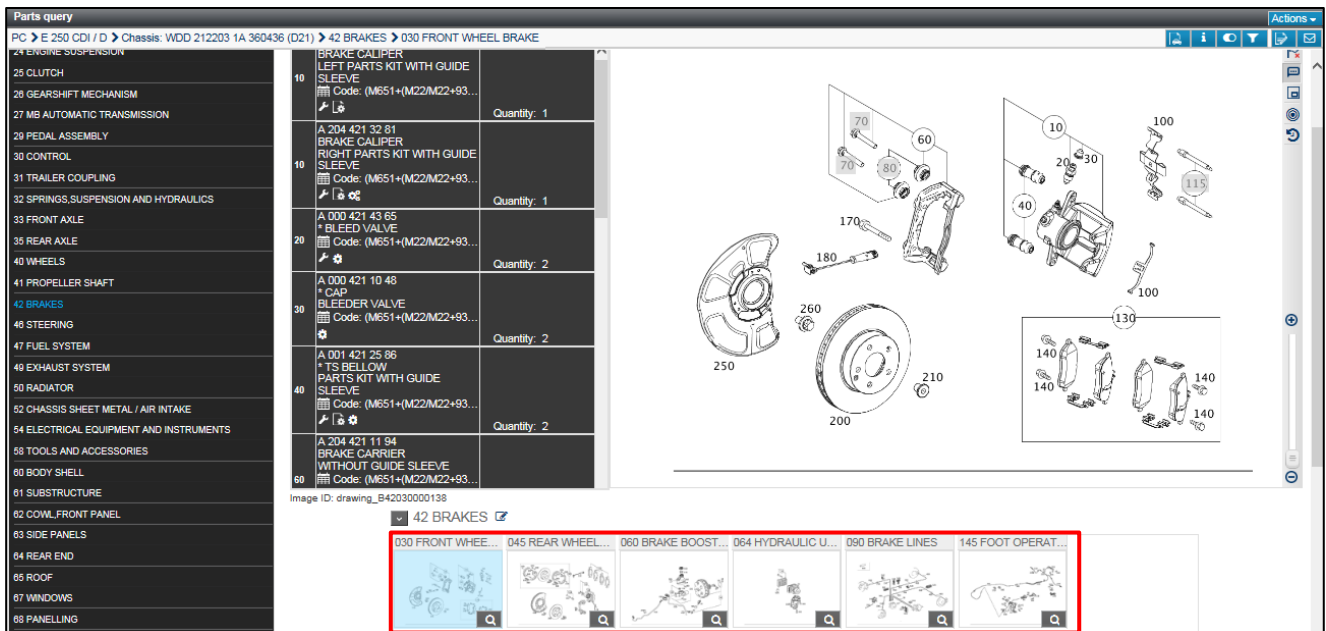


Figure 34 "Select subgroup"

After selecting the subgroup, it is opened by clicking on the miniature picture or the text line. The picture charts and the parts list associated with the subgroup are loaded. If you click on a new miniature picture chart, the parts list is also updated in addition to the picture chart. The parts list and picture chart are directly related to each other. Selecting **item numbers** in the picture thus has an effect on the **parts list**.

The miniature pictures belonging to the DG are displayed under the selected **picture chart** of the subgroup. This makes it easier to quickly change to another picture chart within a DG.

Note: It is possible to deactivate the display of preview pictures in the user settings.

Display parts list

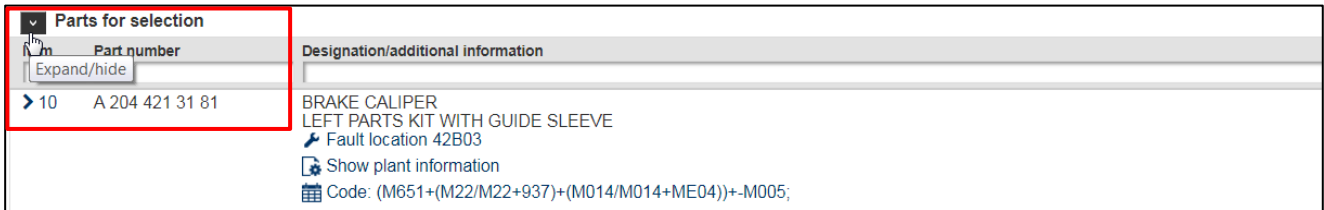


Figure 35 "Collapsing and expanding parts list"

4.4 Identify parts via picture and parts list

Once you have selected a main group, the following content appears:
picture chart, subgroup and parts list.

You now have various options to search for the desired parts depending on your individual requirements or search depth.

Note: The parts list is hidden **by default** and can be displayed as required by clicking on **Parts for selection**.

4.4.1 Identify parts via picture chart

The picture contains a graphic illustration of the parts with clickable **item numbers**. If, when controlling the system with a computer mouse, you **move the cursor over** a picture item number (Fig. 36), the dialog window opens (**flyout**). It is also possible to copy the part numbers (Fig. 37) and transfer them to a different application. You can also copy multiple parts to the clipboard in one go. You can define the separator used between the parts yourself in the settings. A space character is used by default.

If you prefer to work with the keyboard, you can also enter the item number directly in the **Number/Name** field and thus highlight the corresponding item.

If you wish to create **notes** about a part, there are several options:

You can click directly in the parts list on the **Create new note** symbol (Fig. 38) and a new dialog window opens. It is also possible to create a note for the entire picture. To do so, click on the symbol above the picture chart. More information can be found in [Chapter 5. Creating notes](#).

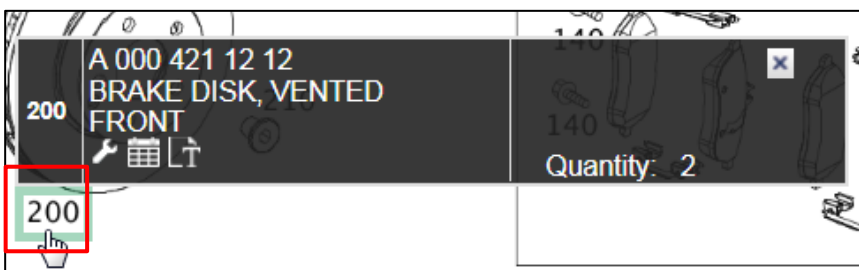


Figure 36 "Parts identification via picture chart"

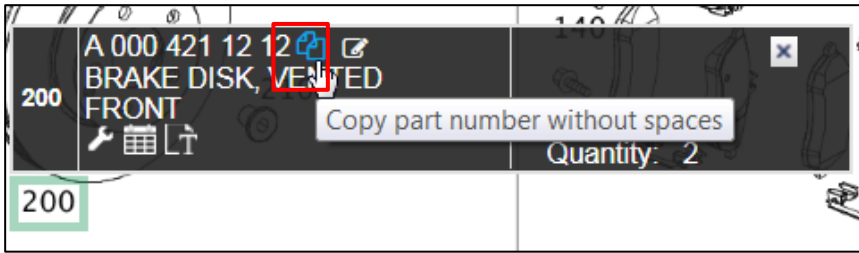


Figure 37 "Copy part number without spaces"

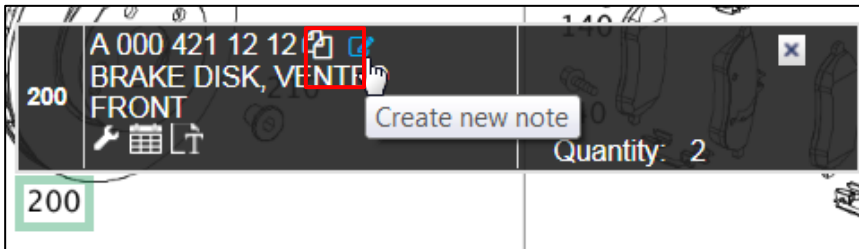


Figure 38 "Add notes to part"

The parts bar allows you to copy all highlighted parts with one click.

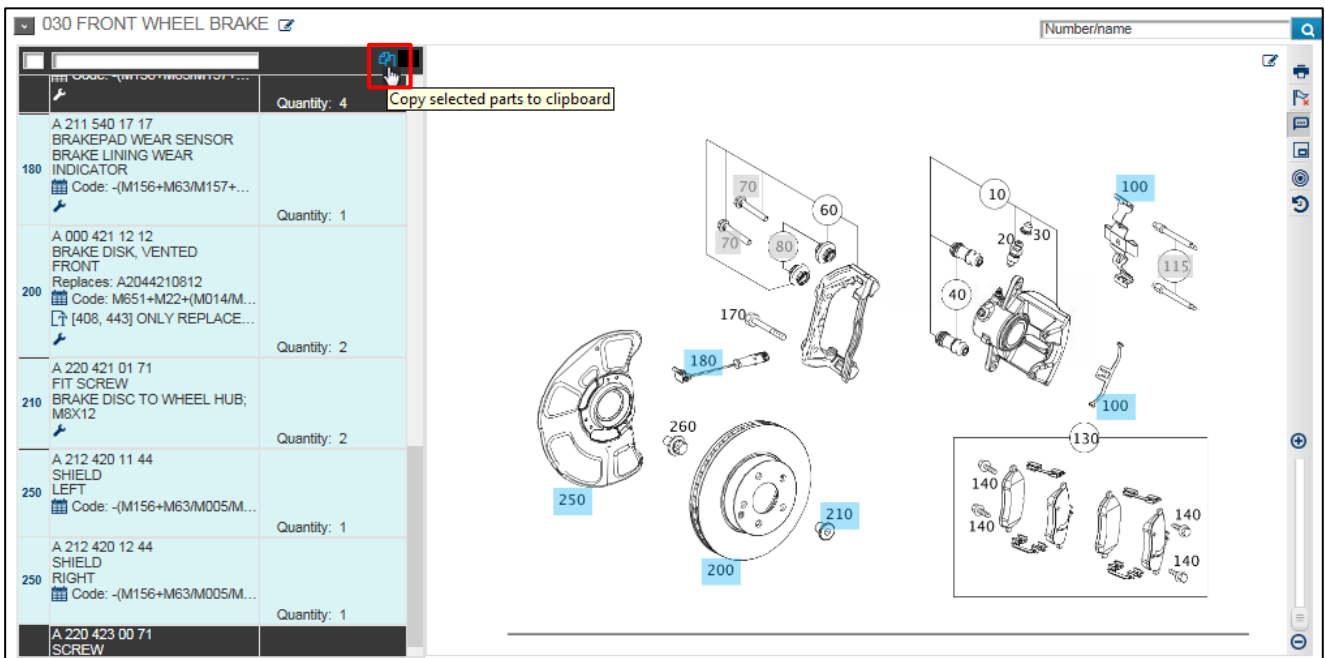


Figure 39 "Copying multiple highlighted parts to the clipboard with one click"

Your highlighted parts can also be saved automatically to the clipboard. You can activate this function in your settings (see [Chapter 2.2.4](#)).

Note: If you are using Internet Explorer 11, a pop-up appears and asks you whether you wish to permit saving to the clipboard - please confirm this with **Allow access**.

Note: **Parts that must be ordered at the same time** are displayed at the top of the parts list with an item number.

If you click on the **picture item number** (e.g. 200) in the picture chart (Fig. 40) the **Flyout** is fixed in place. This is indicated by the **X** at the top right of the flyout. You can now open, evaluate and close

all of the additional information (text information, code conditions etc.), which is displayed for a part item, in the picture chart.

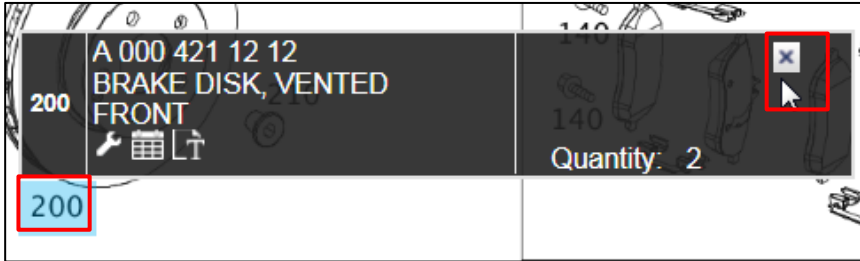


Figure 40 "Fixing the flyout menu in place"

In the case of complex parts scopes, it is recommended to display the selected part item in the **parts list**. **Moving your cursor over** a picture item number opens a flyout and clicking on the **picture item number** in the flyout **highlights** the part number. This is identified by the "blue" highlighting (Fig. 41) of the part item number in the picture chart.

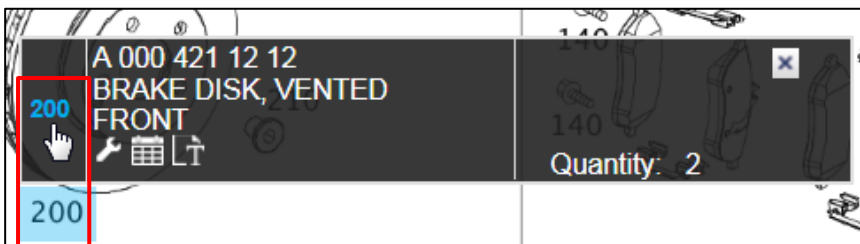


Figure 41 "Highlighting the part item number by clicking on it"

In the flyout and parts list (Fig. 42) these selected parts are also highlighted in "blue".

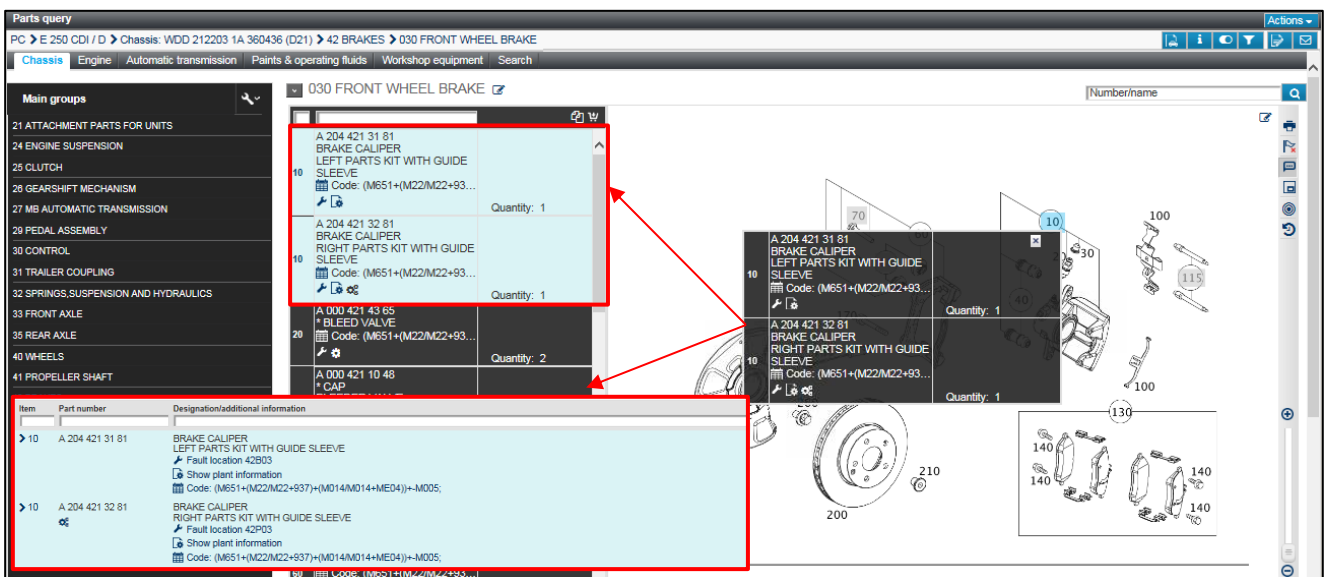


Figure 42 "Selected parts"

4.4.2 Control elements on picture chart

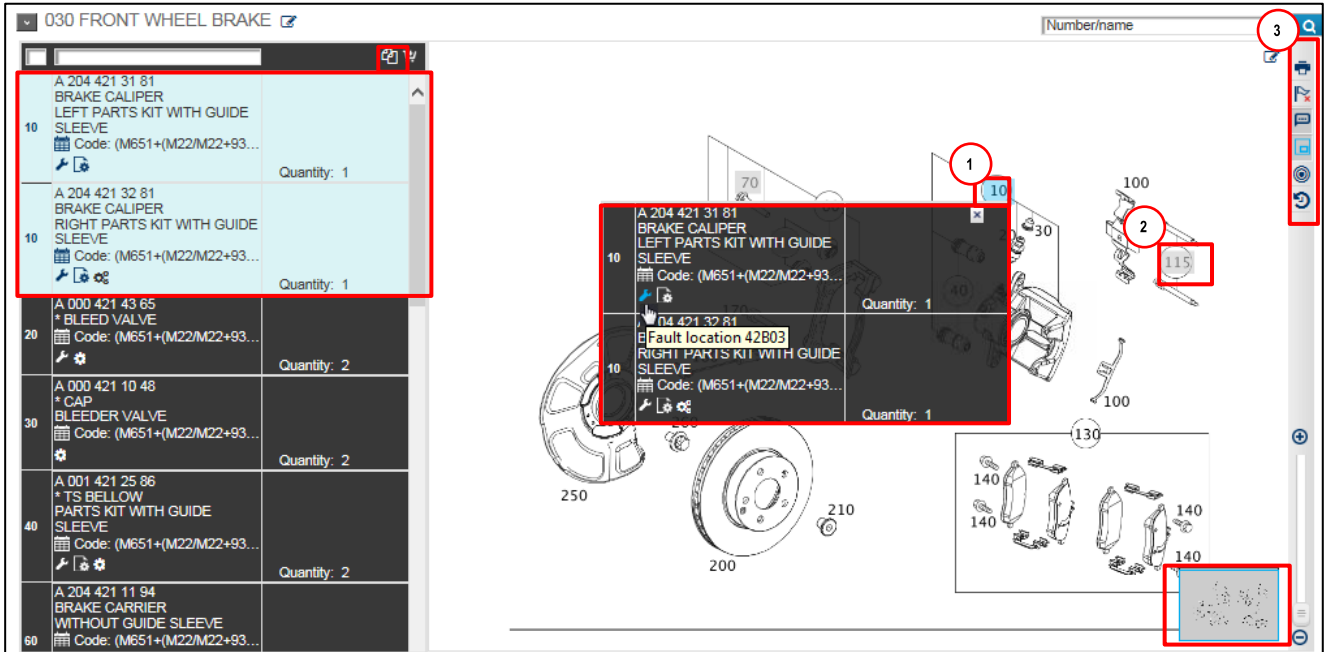


Figure 43 "Control elements in picture chart"

The picture (Fig. 43) contains a graphic illustration of the parts with **clickable item numbers**. When you **move your cursor over** an item number in the graphic, **detailed information** (see Fig. 43: 1) is displayed in a **flyout**. The part is highlighted when you click on the item number. The item number is highlighted in **"blue"** in the picture chart (see Fig. 43: 1). You can narrow down your search using the filter bar in the parts list at the top left.

If you move your cursor to a **gray item number** (see Fig. 43: 2) and the part designation is not displayed, then this item is invalid for the selected model designation. A notification appears for invalid (grayed out) item numbers when you move the cursor over them.

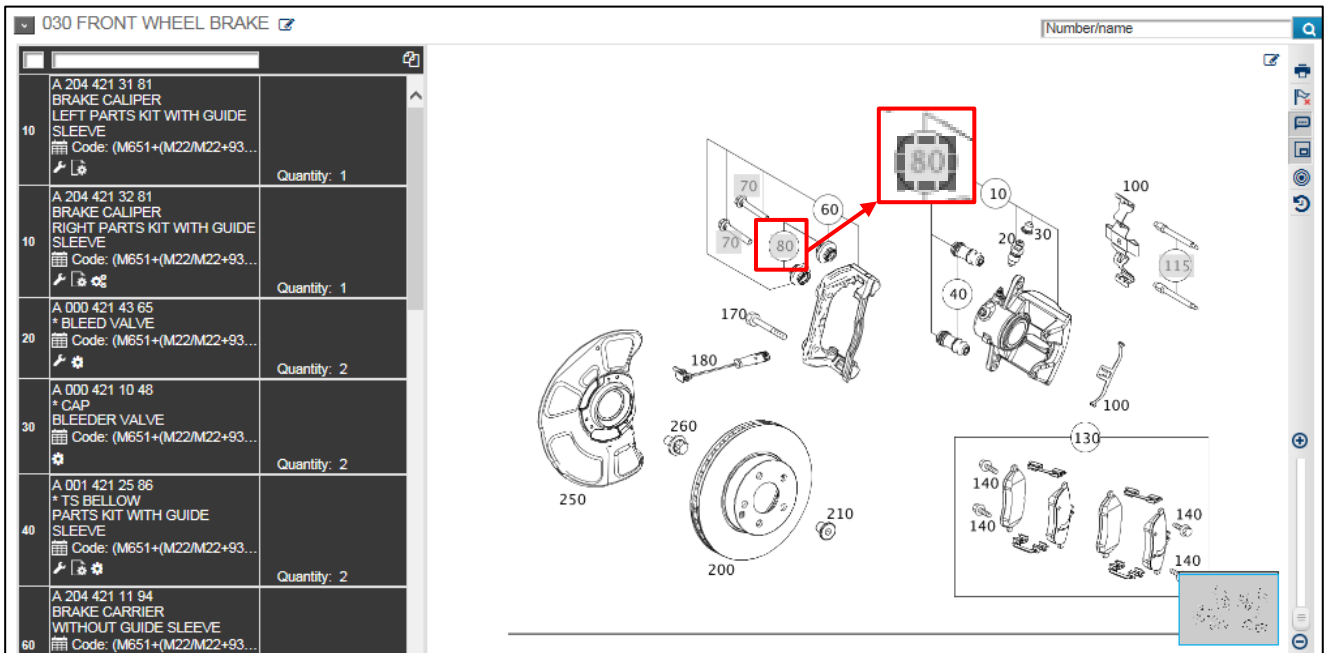


Figure 44 Invalid item number

In addition, you can select or deselect these item numbers by clicking on them. You can only ever select one item number, if you click on a different item number the previous one is deselected. If you have selected a position number and then created an XSF ticket using the letter symbol, the position number is then stored in the ticket. This works for all position numbers.

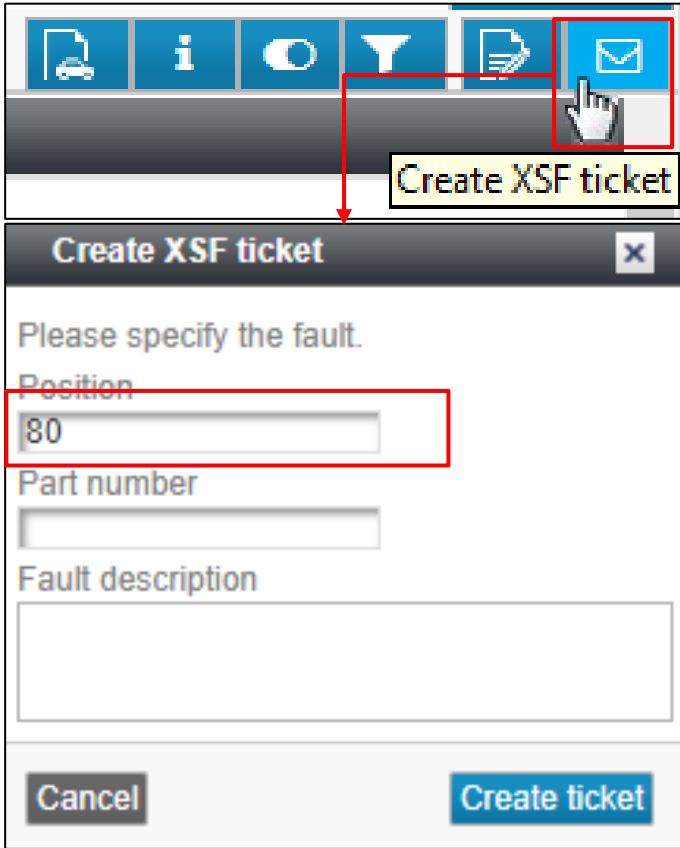


Figure 45 "Position number stored in ticket"






The **zoom info** is displayed at bottom right. This shows you the area of the picture that you are currently looking at. If you move the control for the zoom function, the picture is gradually enlarged/downsized.

You can also copy multiple parts to the clipboard in one go. You can define the number of separators used between the parts yourself in the settings. A space character is used **by default**. You can also define whether you wish to remove the first character of a part number (e.g. "A").

Note: Depending on the size of your monitor, the picture adjusts dynamically and uses its entire width. On modern, widescreen monitors, the parts list is displayed on the left. This gives you a better overview.

In the **flyout menu** (see Fig. 43: 3) the following functions are available for selection:

	Print: Print picture chart and/or parts list.
	Delete highlighting: This icon deactivates all of the item numbers in the picture that have been clicked on.
	Flyouts are active: The button is pressed and highlighted in light blue. A flyout appears when you move the cursor over a sensitive item number.
	Flyouts are not active: The button is not pressed and appears dark blue. A flyout does not appear when you move the cursor over a sensitive item number. It is possible to rapidly

	highlight multiple parts.
	Display zoom info: Clicking on this button allows you to display or hide the zoom info as required.
	Only highlighted parts are displayed: The button is pressed and highlighted in light blue. Only the parts which have been highlighted are displayed in the flyout and parts list. Useful in combination with flyouts deactivated.
	Unhighlighted parts are also displayed: The button is not pressed and appears dark blue. All parts are displayed - both highlighted and unhighlighted.
	Replaced parts are also displayed: The button is pressed and highlighted in light blue. Replaced parts are displayed with the green text " Replaced by: ... ".
	Replaced parts are not displayed: The button is not pressed and appears dark blue. The replaced parts are hidden.

Note: The parts list and picture are directly related to each other. Selecting **item numbers** in the picture thus has an effect on the **parts list**. The settings are saved permanently as user settings.

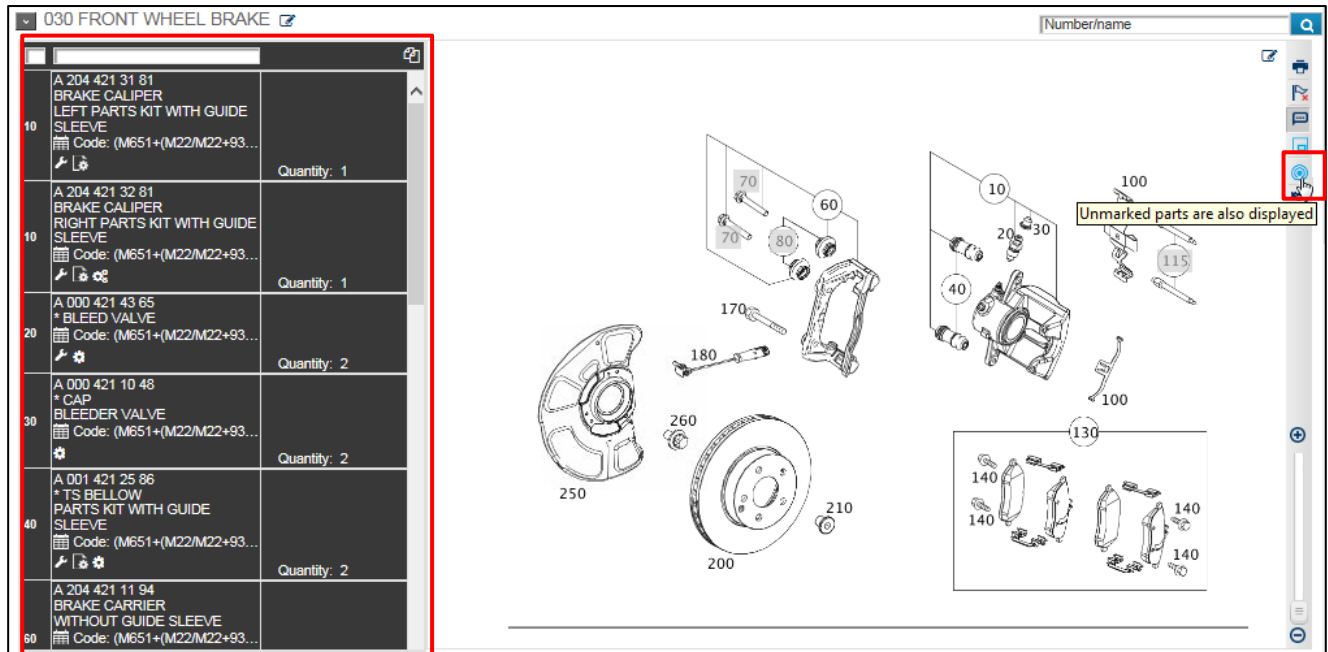


Figure 46 "Only display highlighted parts without highlighting"

If you have activated the **Only display highlighted** parts function during your parts search but have not yet highlighted any parts, then the entire parts list is displayed. However, once a first part is highlighted, only the highlighted parts are displayed.

4.4.3 Identify parts

The same information types are always found in the **flyout** (Fig. 47) for the picture item number and in the **parts list** (Fig. 48).



Figure 47 "Flyout for picture item number"

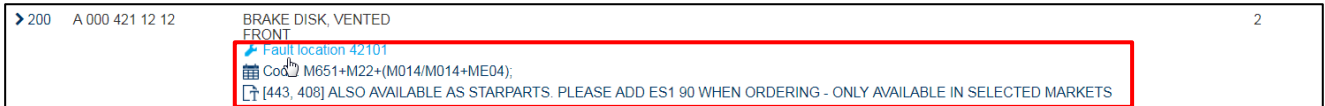


Figure 48 "Parts list for selection"

Structure of information types

1. Item number	The item numbers of the picture are displayed in the item number column (Item).
2. Part number	The part number column displays the part number, possibly with additional information ES2 code Symbol: Parts kit Symbol: Version identifier (RHD/LHD vehicle)
3. Designation/ additional information	The designation/additional information column displays the part designation and various important additional information. This information must be observed to ensure the correct part is selected. Possible additional information: <ul style="list-style-type: none"> • Footnotes (text footnotes, color footnotes, plant information) • ES1 code • Code information (Cars) • SA/component information (CV) • Construction kit information (BUS)* • Replaced by: In the case of parts marked with "Replaced by", the part number has been replaced by a newer number. • Optionally: In the case of parts marked with "Optionally", variants of identical design exist e.g. from different manufacturers. • Remanufactured parts • Asterisk items (see symbol parts kit) • Fault location for damage code <p>*Note: Use the BusDoc parts catalog for qualified parts searches for bus parts scopes.</p>
5. Quantity	The quantity column contains the intended quantity of the parts for the as-built configuration.

4.4.4 Information on item number

Clicking on the column highlights the item in the picture chart and the parts list and all other part items with the same picture item are **highlighted "in color"**. It is also possible to filter the item numbers by entering the number you are searching for in the input field.

Note: Not all part numbers are listed in the parts list. Unlisted part items are highlighted in **"gray"** in the picture chart.

Item	Part number	Designation/additional information	Qty
10	A 204 421 31 81	BRAKE CALIPER LEFT PARTS KIT WITH GUIDE SLEEVE Fault location 42B03 Show plant information Code: (M651+(M22/M22+937)+(M014/M014+ME04))+M005;	1
10	A 204 421 32 81	BRAKE CALIPER RIGHT PARTS KIT WITH GUIDE SLEEVE Fault location 42P03 Show plant information Code: (M651+(M22/M22+937)+(M014/M014+ME04))+M005;	1
10o	A 000 993 46 07	RETAINING SPRING Fault location 42116 Show plant information Code: (M651+(M22/M22+937)+(M014/M014+ME04))+M005/1U9;	2
210	A 220 421 01 71	FIT SCREW BRAKE DISC TO WHEEL HUB; M8X12 Fault location 42102, 42104	2

Figure 49 "Item number column"

4.4.5 Information on part number

Item	Part number	Designation/additional information
> 10	A 212 460 03 03 9E38	STEERING WHEEL Fault location 46248 Code: ((953/955)+(800/801/802/803))+-(314/277/Y95)/(954+(800/801/802+-069))+-(314/277/Y95); Color selection available

Figure 50 "Part number column"

Code letter (see Fig. 50: a)

The part number begins with a code letter.

A selection of code letters:

- A Mercedes-Benz design part number
- N Standard part number
- W Tool part number
- Q Q item number (smart)

The ES2 code (see Fig. 50: b)

In the case of **color and equipment-relevant** parts, the part number is supplemented with an ES2 code.

The following distinctions are made in this case:

The ES2 code for vehicles is generally recognized automatically and displayed in the part number field.

In the case of older vehicles, the ES2 code is not displayed in the part number column.

The ES2 code must be manually determined using the color footnote.

Note: The ES2 code (supplementary code 2) is essential for color/equipment-dependent part orders. The ES2 code is displayed in the color footnote. In the case of SMART, the ES2 code is contained in the Q item number (applies to SMART CITY-COUPE, CABRIO, ROADSTER).

Symbols in the "Part number column"

The following symbols can be found in the part number column: **the parts kit**.












10	A 204 421 32 81	BRAKE CALIPER RIGHT PARTS KIT WITH GUIDE SLEEVE
		 Fault location 42P03
		 Show plant information
		 Code: (M651+(M22/M22+937)+(M014/M014+ME04))+M005;
> 20	A 000 421 43 65	* BLEEDER VALVE
		 Fault location 42118
		 Code: (M651+(M22/M22+937)+(M014/M014+ME04))+M005;
> 30	A 000 421 10 48	* CAP BLEEDER VALVE
		 Code: (M651+(M22/M22+937)+(M014/M014+ME04))+M005;

Figure 51 "Symbol for parts kit and part in a parts kit"

Parts kits are used to clearly display information on **asterisk items**. Parts kits therefore always contain information on asterisk items (parts marked with an **asterisk "*"**).

The **asterisk in front of the part designation** indicates that the part already belongs **to the scope of supply** of a higher level part item.

The main part of a parts kit is indicated by **"three gearwheels"**. Lower-level parts of a parts kit are indicated by **"one gearwheel"** and an **asterisk in front of the part designation**.

To open the details of the part, click on the **parts kit** symbol (Fig. 51). A dialog window opens.


Parts kit details			
A 204 421 32 81 BRAKE CALIPER			
If necessary, check parts' footnotes.			
Parts kit can contain additional parts to those listed			
Position	Part number	Designation	Qty
10	A 204 421 32 81	BRAKE CALIPER RIGHT PARTS KIT WITH GUIDE SLEEVE	1
20	A 000 421 43 65	*BLEED VALVE	2
30	A 000 421 10 48	*CAP BLEEDER VALVE	2
40	A 001 421 25 86	*TS BELLOW PARTS KIT WITH GUIDE SLEEVE	2
			

Figure 52 "Parts kit details symbol"

If the steering is ordered as shown above, the other parts are contained in the supply scope of the steering wheel. The items thus do not have to be ordered separately. If the items are ordered anyway, then they are supplied additionally.

Note: The part items marked with an asterisk can however also be highlighted without the higher-level part item.

Note: Parts lists always read from top to bottom. All "asterisk" items which are listed below a part item **without asterisk** belong to the supply scope. A part without asterisk ends the assignment. There may also be **two or more asterisks** in front of a part item. Further sub-levels are defined in this way.

Version identifier (RHD/LHD vehicle)








Item	Part number	Designation/additional information
> 10	A 212 460 30 00	STEERING
		<ul style="list-style-type: none"> Fault location 46481 Code: -(M005/211/(M156+M63)); [697] PART IS ONLY OR ALSO SUPPLIED AS RECONDITIONED PART Alternative parts are available

Figure 53 "Symbol for RHD/LHD vehicle"

When version information is available, this is displayed as a symbol underneath the part number. The associated text information is displayed as a **picture title**/tooltip.

-  Right-hand drive vehicle
-  Left-hand drive vehicle
-  Manual transmission
-  Automatic transmission

Note: The version identifiers can also be combined one below the other (e.g.

LA=LHD vehicle, automatic transmission →  )

4.4.6 Information on designation/additional information in parts list

The following subchapter provides information on:

1. **Footnotes (text footnotes, color footnotes, plant information)**
2. **Code information**
3. **SA/components**
4. **Construction kit information (BUS)**
5. **Replaced by/optionally**
6. **Asterisk item** (see **Parts kit** symbol in [chapter 4.4.5](#))
7. **Remanufactured parts**
8. **Fault location for damage code**

1. Footnotes

Footnotes provide important information which must be taken into account during part selection.

Clicking on the link displays the footnote in a separate window. The following types of footnote exist:

- Text footnotes, ES 1 code
- Plant information
- Color footnotes
- Text footnotes

Text footnotes provide other text information to indicate whether a part number is valid for the selected vehicle. A **hyperlink** can be displayed in a text footnote. Clicking on the hyperlink opens a new dialog window.

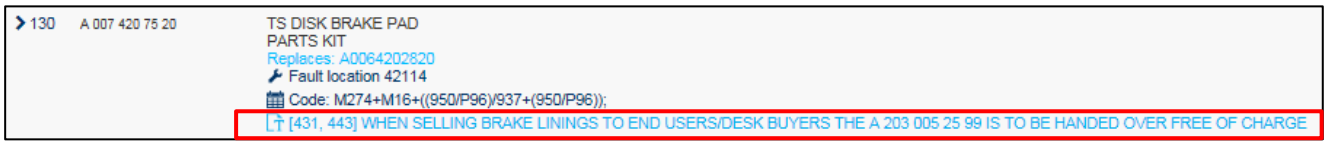


Figure 54 "Text footnote as hyperlink"

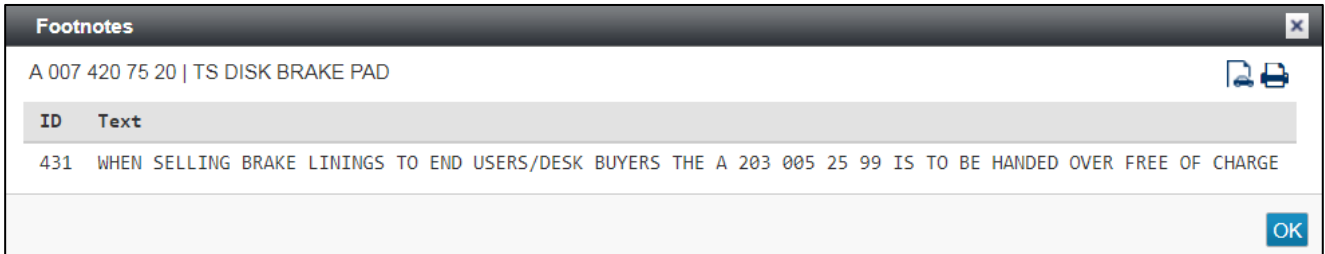


Figure 55 "Text footnote details"

ES1 code

The ES1 code (supplementary code 1) is essential for

- Quantity/length specifications
- Container sizes
- Remanufactured parts (e.g. ES1 code 80 = remanufactured new part)

The **ES1 code** is displayed in the footnote. In the case of remanufactured parts, a dialog window appears with a part selection.

1. Click on the footnote in the parts list

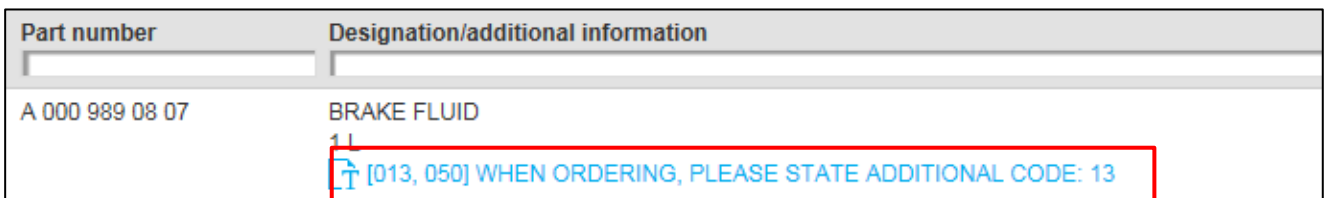


Figure 56 "Parts list footnote"

2. The **Footnote** window with the ES1 code is displayed.

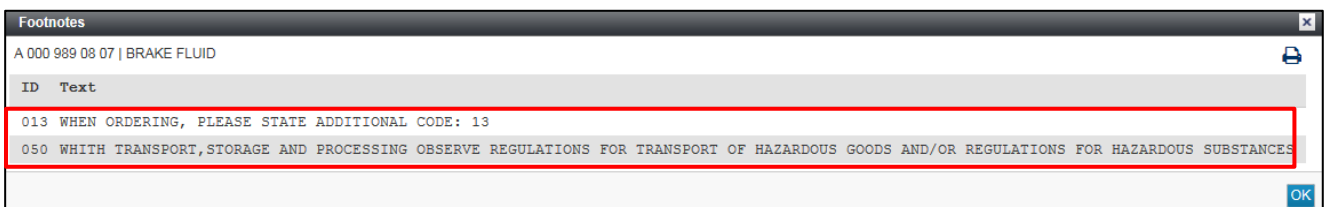


Figure 57 "Footnote pop-up window"

Color footnotes

Color footnotes are required for **color/equipment-dependent** parts identification. The code information in the "color footnote" can be used to determine the corresponding **ES2 code**.

The ES2 code is attached to the part number and defines e.g. the color.

Note: In special cases, the color code must be determined manually using the vehicle data card.

> 20 A 219 910 13 46 9D94 COVER
 FABRIC
 🛠️ Fault location 91A04
 📅 Code: 000A;
🔗 Color selection available

Figure 58 "Hyperlink for color footnote"

Detailed information [x]

Color selection for part number A 219 910 13 46 9D94 - COVER [🖨️]

ES2	Color	Validity
9D94	BLACK	001A;

[OK]

Figure 59 "Detailed information of color footnotes"

Plant information

Plant information (known as "ident end number" in EPC) indicates whether a part number is valid for the selected vehicle based on the end number, a date or the model year. Digits 9-14 of the identification number of the vehicle/major assembly are designated as the end number. The identification number of the vehicle or major assembly can be seen in the data card.

Item	Part number	Designation/additional information
> 10	A 204 421 31 81	BRAKE CALIPER LEFT PARTS KIT WITH GUIDE SLEEVE 🛠️ Fault location 42B03 ⚙️ Show plant information 📅 Code: (M651+(M22/M2Z+937)+(M014/M014+ME04))+-M005;

Figure 60 "Plant information"

Plant information [x]

A 204 421 31 81 | BRAKE CALIPER [🖨️]

Type	Date	Plant	ID	Model year	Information
from	2009-01-12	A, B	A001285		-

[OK]

Figure 61 "Plant information with detailed information"

Plant information [x]

A 212 430 13 29 | LINE [🖨️]

Type	Date	Plant	ID	Model year	Information
upto	2011-10-31	A, B	A556108		-

[OK]

Figure 62 "Plant information with detailed information II"

2. Code information (Cars)

If the installability of part numbers is limited to certain code information, this is indicated in the **Designation/additional information** column. The **Validity information code** window contains the text description of the code (e.g. 550) or the code character string (e.g. 277+806/277). If a code is negative, this means that the codes are not installed in the vehicle.

Note: Code information represents the as-built configuration of the vehicle in encrypted form. Before adding a part number to the shopping list, the code information must be assessed.

Code information is only displayed in the parts list for passenger car parts.

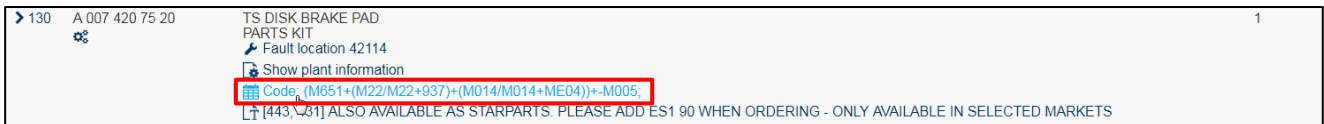


Figure 63 "Code information"

The code table is marked in color. As in the example below, the table can consist of several lines. The codes have the following meaning:

- Codes with a "+" and **green background** are installed in the vehicle
- Codes with a "-" and **red background** are **not** installed in the vehicle

Please note that the part is only valid if at least one of the listed lines applies. This allows you to quickly and easily determine code validities based on the different colors.

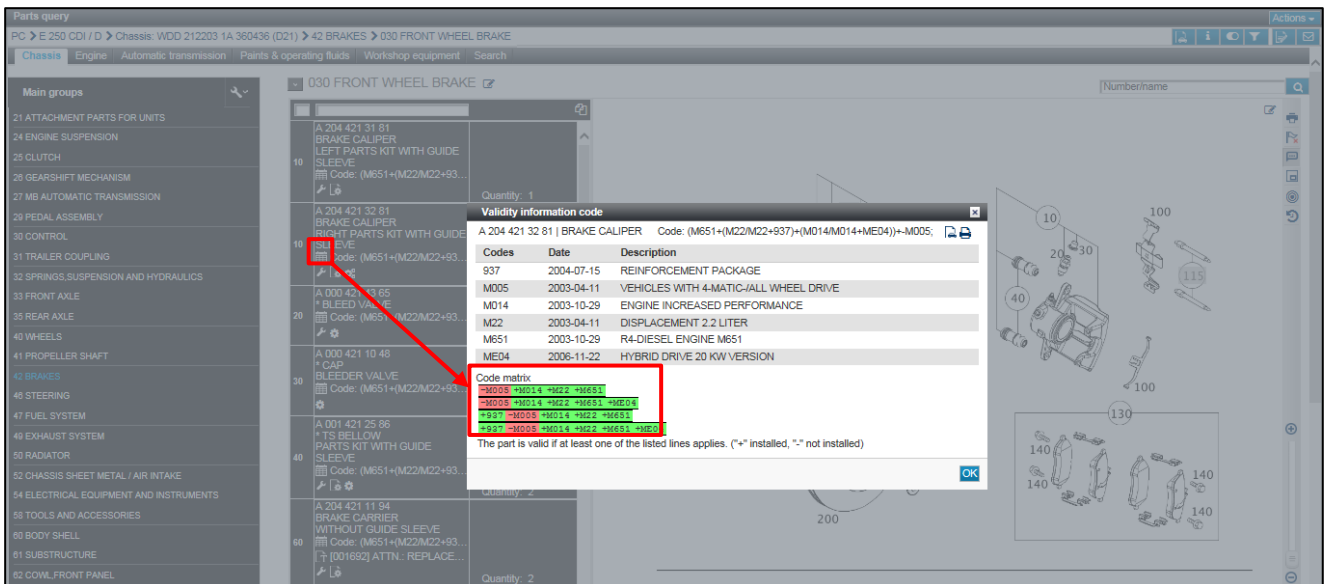


Figure 64 "Code validity information"

3. SA/component information

SA/component information is generally only displayed in the parts list for commercial vehicle parts. SA/component information represents the variant parts list (SAA) and designates the parts list of a particular product or major assembly variant.

Item	Part number	Designation/additional information
> 5	A 004 997 24 71	SCREW-IN FITTING WITH SEAL RING SA: Z 517.800 06

Figure 65 "SA/component information"

Clicking on the **SA/components** link displays the SA/component information window. The **SA/component information** window contains the text description of the SA/components and their change sequence numbers.

SA/component information		
A 004 997 24 71 SCREW-IN FITTING		
SA/components	Designation	SAA codes
Z 517.800	SV AIR COMPRESSOR CONNECTION	Z 517.800/06 - SV AIR COMPRESSOR CONNECTION

Figure 66 "SA/component information II"

SA/components Contains the SA/components with the possible change sequence numbers of the selected part item.

Designation Describes the SA/components with the respective change sequence numbers.

4. Construction kit information (BUS)

Construction kit information is generally only displayed in the parts list for bus parts.

Note: Searching for parts for construction kits is only active if vehicle data (identification number or model designation) have been entered in the vehicle identification function.

Searching for construction kit information is carried out by entering an identification number or a model designation in combination with a SA number with change sequence number or a construction kit number.

Note: If you want to search within a major assembly, the corresponding major assembly number must also be selected.

5. Replaced by/optionally

"Replaced by: ..."

> 5	A 102 200 09 20	WATER PUMP Replaced by: A 102 200 39 01 Replaces: A1022000520 +3 N000931006114 Show plant information [922, 924, 962, 963, 982, 985]
-----	-----------------	--

Figure 67 "Replaced by/optionally"

If a part number is marked with the additional information **Replaced by**, the part number has been replaced by a newer part number.

Note: If a part number marked with **Replaced by** has a footnote, the footnote must be assessed as it may contain the note "Use up old part number".

Clicking on the **Replaced by** link, opens a window with detailed information on the replacement parts.

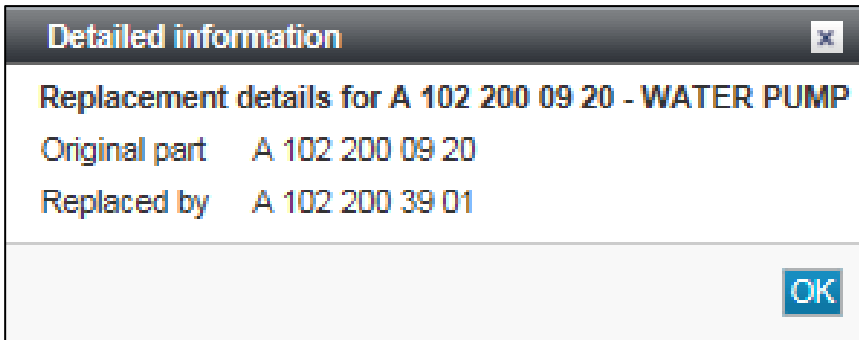


Figure 68 " on replacement details"

Note: Please observe the following when transferring included ancillary parts: As soon as the replaced part has ancillary parts included with it, the replaced part is shown together with the included ancillary parts, and this then illustrates clearly what has been replaced. When copying a part that includes ancillary parts, these are then also copied to the clipboard. You can define the separator used between the copied part numbers in the settings as usual.

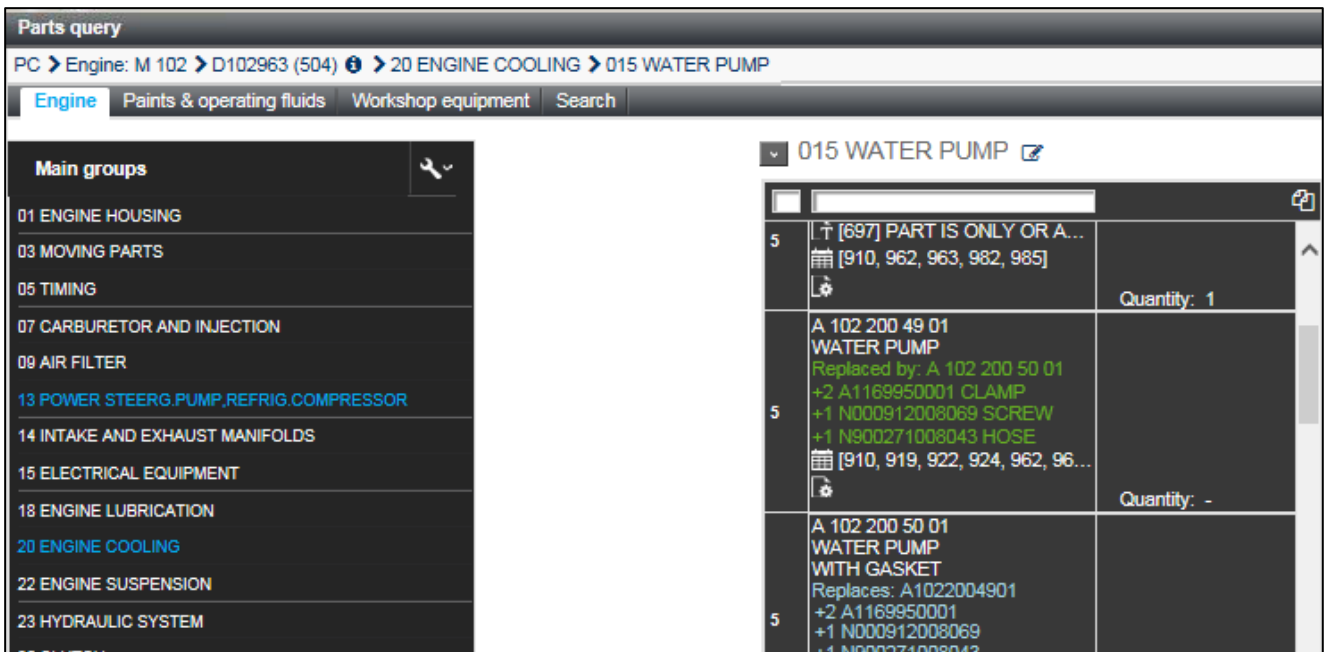


Figure 69 "Transferring included ancillary"

"Optionally"

Item	Part number	Designation/additional information
> 10	A 006 466 47 01	POWER STEERING PUMP WITH RESERVOIR Fault location 46501 Code: (M651+(800/801/802/803))+-(M005/P25); [697] PART IS ONLY OR ALSO SUPPLIED AS RECONDITIONED PART Alternative parts are available *Optionally: A0064664601

Figure 70 "Pop-up window with Optionally"

If a part number is marked with the additional information **Optionally**, then there are variants of a part with the same design, e.g. from different parts manufacturers.

6. Asterisk item

In the **Designation/additional information** column, the part designation may be preceded by an asterisk (*). The asterisk in front of the part designation indicates that the part already belongs to the scope of supply of a **higher level** part item.

The part items marked with an asterisk can also be ordered without the higher-level part item. Further details on asterisk items can be found in [Chapter 4.4.5](#) under Symbols in the **Part number** column.

> 10	A 204 421 32 81	BRAKE CALIPER RIGHT PARTS KIT WITH GUIDE SLEEVE Fault location 42P03 Show plant information Code: (M651+(M22/M22+937)+(M014/M014+ME04))+-M005;
> 20	A 000 421 43 65	* BLEEDER VALVE Fault location 42118 Code: (M651+(M22/M22+937)+(M014/M014+ME04))+-M005;
> 30	A 000 421 10 48	* CAP BLEEDER VALVE Code: (M651+(M22/M22+937)+(M014/M014+ME04))+-M005;

Figure 71 "Asterisk item"

7. Remanufactured parts

Remanufactured parts are characterized by the fact that the customer benefits from a significant price discount compared with a new part and receives an attractive refund value for the old part. The parts are always fully overhauled and correspond to new parts in terms of performance and warranty. Furthermore, the remanufacturing process makes an important contribution to environmental protection.

Item	Part number	Designation/additional information
> 10	A 212 431 38 12	HYDRAULIC UNIT Fault location 43102 Code: (801+051/801+062/802+-052))+-(M156+M63/M157+M55); [872] PART MUST BE CHECKED FOR CURRENT FLASHWARE AFTER INSTALLATION Alternative parts are available

Figure 72 "Remanufactured parts available"

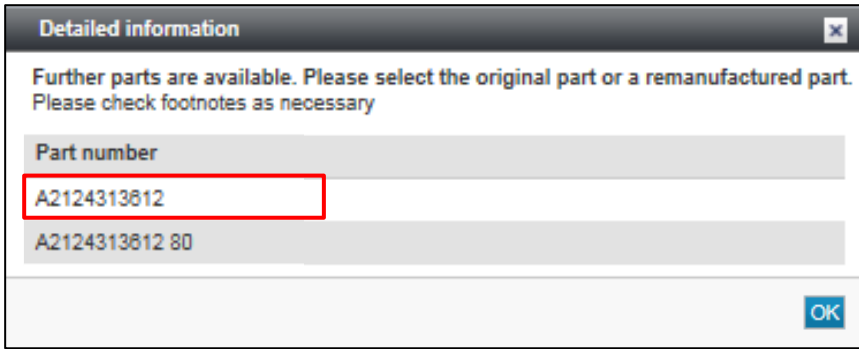


Figure 73 "Detailed information on remanufactured parts"

In the case of remanufactured parts, a dialog window appears with a part selection.

Icon for second-line parts (ES 1:90)

If a second-line part (ES1: 90) is available for a part, this is indicated by a new icon. This allows you to immediately recognize that the alternative part is a 90-series second-line part.

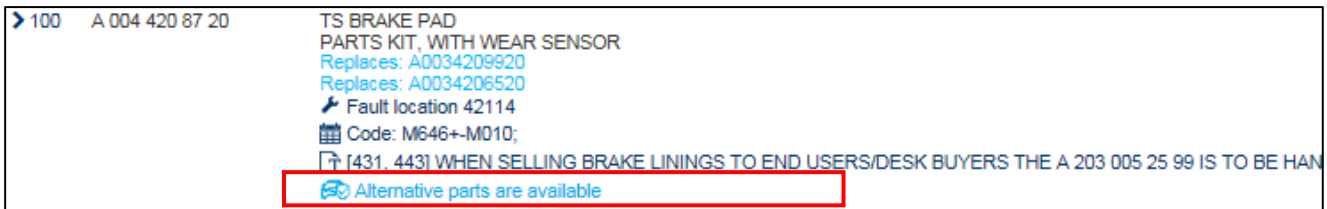


Figure 74 "Alternative parts for 90 second-line parts"

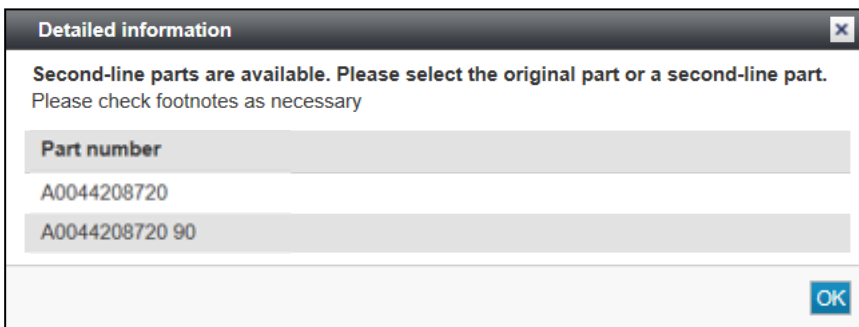


Figure 75 "Detailed information on alternative parts for 90 second-line parts"

Note: If a part is both an 80-series remanufactured part and a 90-series second line part, the 80-series information has priority and the old icon remains.

8. Fault location for damage code

If a damage code entry exists for a part number, this is indicated by the **Fault location** symbol. When the part number is transferred, the fault location remains available to determine the damage code. Clicking on the symbol opens a dialog window with the fault location.

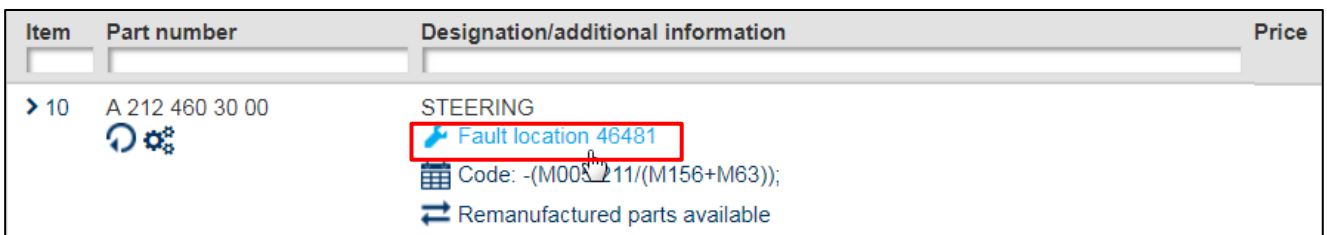


Figure 76 "Fault location for damage code"

4.4.7 Information on quantity value

The **quantity** column contains the intended quantity of the parts for the as-built configuration.

Note:

- Parts which are to be installed symmetrically are pre-populated with the corresponding quantity.
- A quantity of 1 is always set **by default**.

The quantity transferred from the parts list depends on the as-built configuration of the vehicle. In the case of parts, e.g. parts sold by the meter, where the order quantity is variable, the quantity must be entered **manually**. The quantity can be entered **without** or **with** decimal places (e.g. 1 or 0.5 or 1.5).

Note: Observe the footnotes!

4.4.8 Information on the navigation bar

Dynamic navigation path

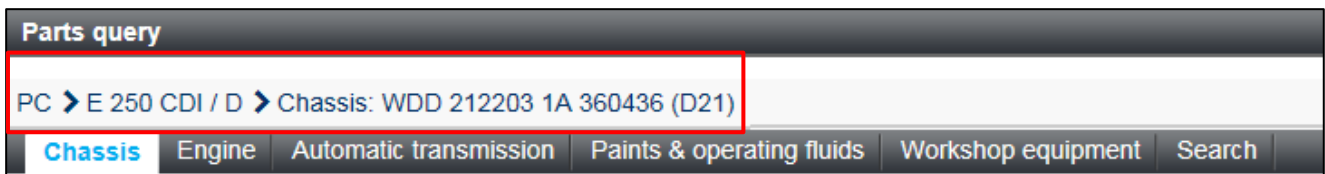


Figure 77 "Dynamic navigation path"

After bringing up the main screen, the navigation path consists of the following basic elements:

- Assortment class (e.g. Cars)
- Sales designation of the vehicle/major assembly (e.g. > E250 CDI)
- Chassis/major assembly model designation (e.g. > Chassis: 2 12203 1A 360436)
- Catalog number (e.g. D21)

After selecting the desired group and subgroup, the navigation path is supplemented with the **number** and **designation of the group** (e.g. > 42 Brake system) or subgroup.

If you are performing SA navigation, the navigation path is not supplemented with a subgroup but with the **SA number** incl. designation and the SA version ("SA change sequence number").

The navigation path always remains **dynamic** i.e. by clicking on the group or the chassis model in the navigation bar, you are always taken back to the associated level.

When switching from a chassis to a major assembly, the catalog number of the selected major assembly is displayed in the navigation bar (69L) (Figure 76).

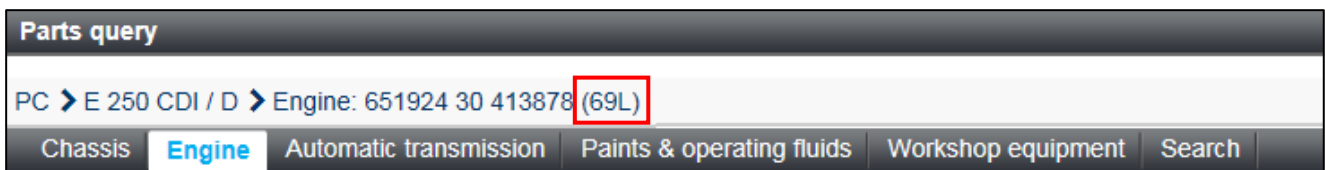


Figure 78 "Displaying the major assembly catalog"

Show vehicle

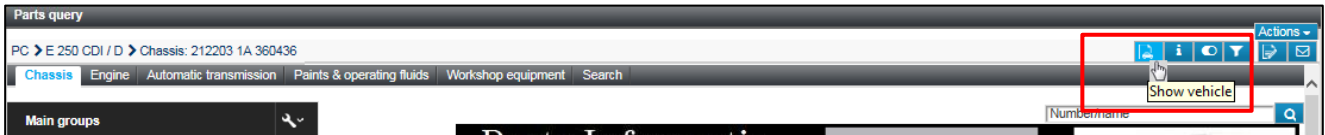


Figure 79 "Show vehicle"

Data card

Information from the data card is required for correct parts identification (e.g. checking footnotes, validities, codes, SAs, construction kits etc.). The prerequisite is that system must be accessed with a complete and valid vehicle identification number. The detailed information is recorded under the respective data card tabs. In addition, the data card symbol is displayed next to the main group, indicating that AO texts exist in the main group.

The data card can also be opened by double-clicking on this symbol, or automatically when you open the relevant main group for the first time.



Figure 80 "AO texts in main group"

You can also create a note about the data card. Further information about **creating notes** can be found in Chapter 5.

Note: The data card is displayed directly from VeDoc through a service interface and is thus always up-to-date. The **EC approval number** and **EC approval date** are also shown.

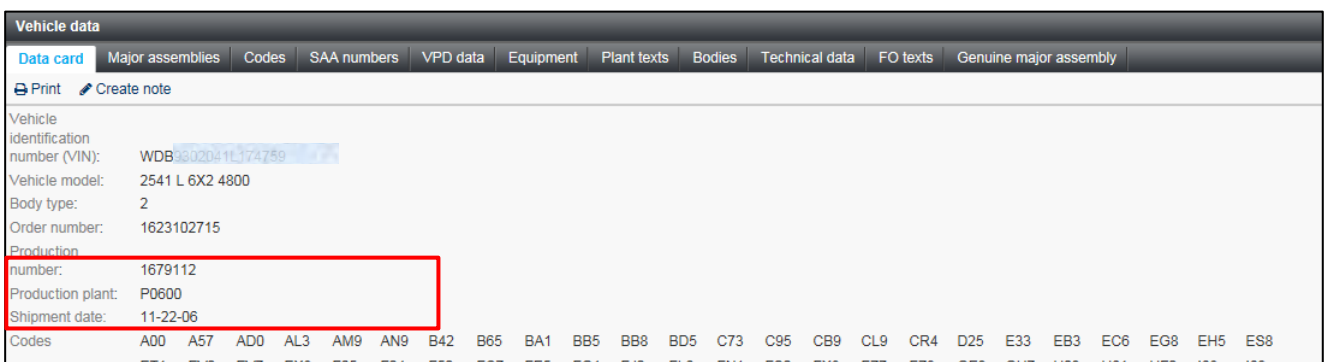


Figure 81 "Detailed information on vehicle information"

In the data card, you can click on **Bodies** to show the body manufacturers. You can also call up the manufacturer's home page by clicking on the link.

Vehicle data			
Data card	Major assemblies	Codes	SAA numbers
<div style="display: flex; justify-content: space-between;"> VPD data Equipment Plant texts Bodies Technical data FO texts Genuine major assembly </div>			
Print			
Body manufacturer	BICKEL- TEC GmbH		
City	Rheinau-Helmlingen	ZIP/post code	77866
Street	Hindenburgstraße 19	Contact person	Karl-Heinz Körber
Telephone	0497227958613	Homepage	http://www.bickel-tec.com
Email	info@bickel-tec.com		
Text/price field information			
Body type/key	- / KKÜ0	ERD product group/key - / -	
Simplified warranty processing			
Text/price field information -			

Figure 82 "Data card: Bodies"

If a major assembly that has been installed in the meantime is not shown on the data card, because it has not yet been documented in VeDoc, then you have an option to show the originally installed major assembly. All you need to do here, is click on the Original major assemblies tab. Now you can query the replacement parts using the major assembly installed at the factory as the basis. Only the displayed major assembly number has to be entered into the Part Jobs entry screen / search.

Note: The major assembly determined in this manner may not match the currently installed one.

Vehicle data	
Data card	Major assemblies
<div style="display: flex; justify-content: space-between;"> Codes SAA numbers VPD data Equipment Plant texts Bodies Technical data FO texts Genuine major assembly </div>	
Print	
Factory front axle number 1:	739510F164042
Factory front axle variant number 1:	X006518114
Factory rear axle number 1:	746210M216608
Factory rear axle variant number 1:	X004517167
Factory rear axle number 2:	749110F163503
Factory rear axle variant number 2:	X005503825
Factory body number:	94389915174759
Factory engine number:	54197400485791
Factory engine variant number:	X009749851
Factory transmission number:	71551500518874
Factory transmission variant number:	X002648824

Figure 83 "Data card: Original major assemblies"

A list of the existing SAA numbers is displayed in the data card. The list can be narrowed down with filters. The Group filter allows you to identify the installation location and also filter by a main group.

Vehicle data			
Data card	Major assemblies	Codes	SAA numbers
<div style="display: flex; justify-content: space-between;"> VPD data Equipment FO texts Genuine major assembly </div>			
Print			
Clear filter			
Number	Group	Designation	Quantity
[Select filter...]	[Select filter...]	[Select filter...]	[Select filter...]
50400004	[35, 42]	SV AN- UND EINBAUTEILE HINTERACHSE	1
50400890	[35, 42]	SV HINTERACHSWELLE	1
50400950			1
50401058			1
50401139			1
50401608	[42]	SV FESTSTELLBREMSE	1
50401610	[42]	SV FESTSTELLBREMSE	1
50401990	[33, 35, 39, 42]	SV RADNABE	2
50402065	[42]	SV HINTERACHSE	1
50402537	[42]	SV BREMSSATTEL	1
50402553	[42]	SV BREMSSATTEL	1
50423105	[35]	SV ACHSBRUECKE	1
50423214	[35]	SV MITTENTRIEB	1

Figure 84 "Data card: SAA numbers"

Show additional information

Clicking on **Show additional information** opens a new window. The additional information consists of the six-digit model designation, the sales code and a brief description.

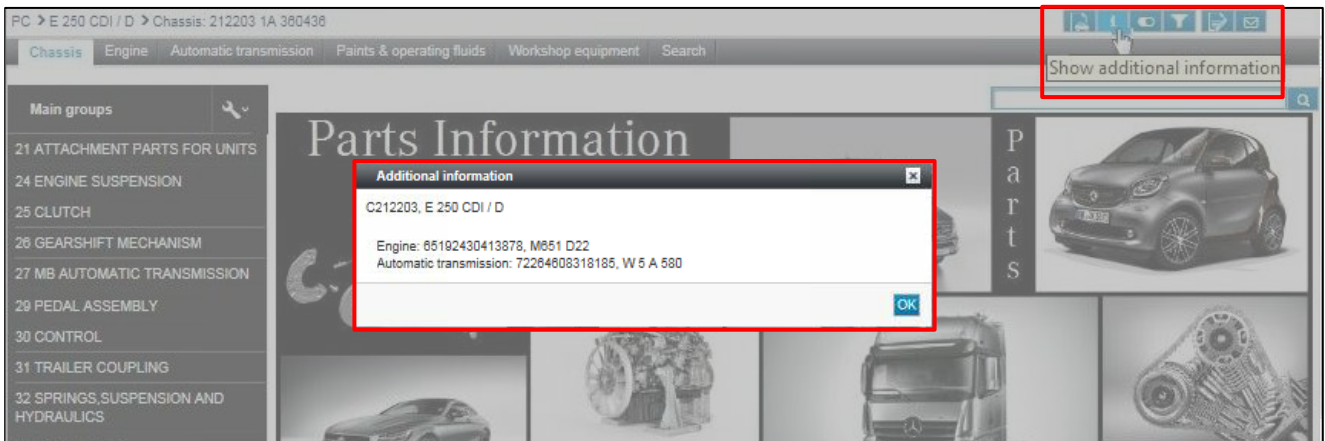


Figure 85 "Additional information"

Clicking on **OK** closes the window again.

Switching to model designation

If you entered a VIN when defining the vehicle, then you can choose between the VIN and a model designation. This is particularly useful if the data card is not completely filled out. This then shows you each of the missing major assemblies at model designation level, even though they are not actually in the data card. All you need to do here is click on the **Switch to model designation** button.

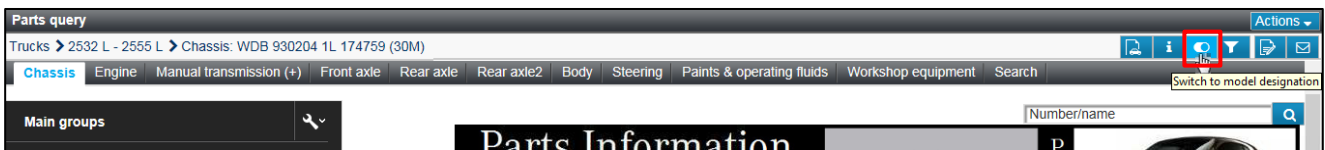


Figure 86 "Switching to model designation"

A dialog then appears with information stating that the main and subgroup selection will be reset.

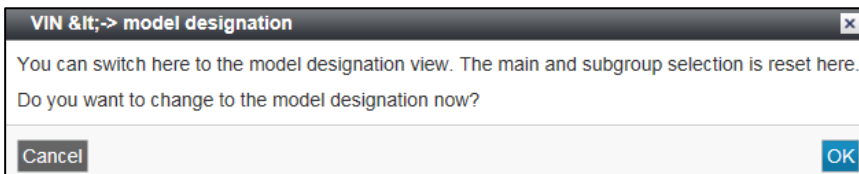


Figure 87 "Note on switching to model designation context"

After confirming the dialog, a change is made to the model designation and the button turns red. You can also see this in the navigation. If you click on the button again, you can change back to the VIN.



Figure 88 "Switching to VIN"

Show/change filter

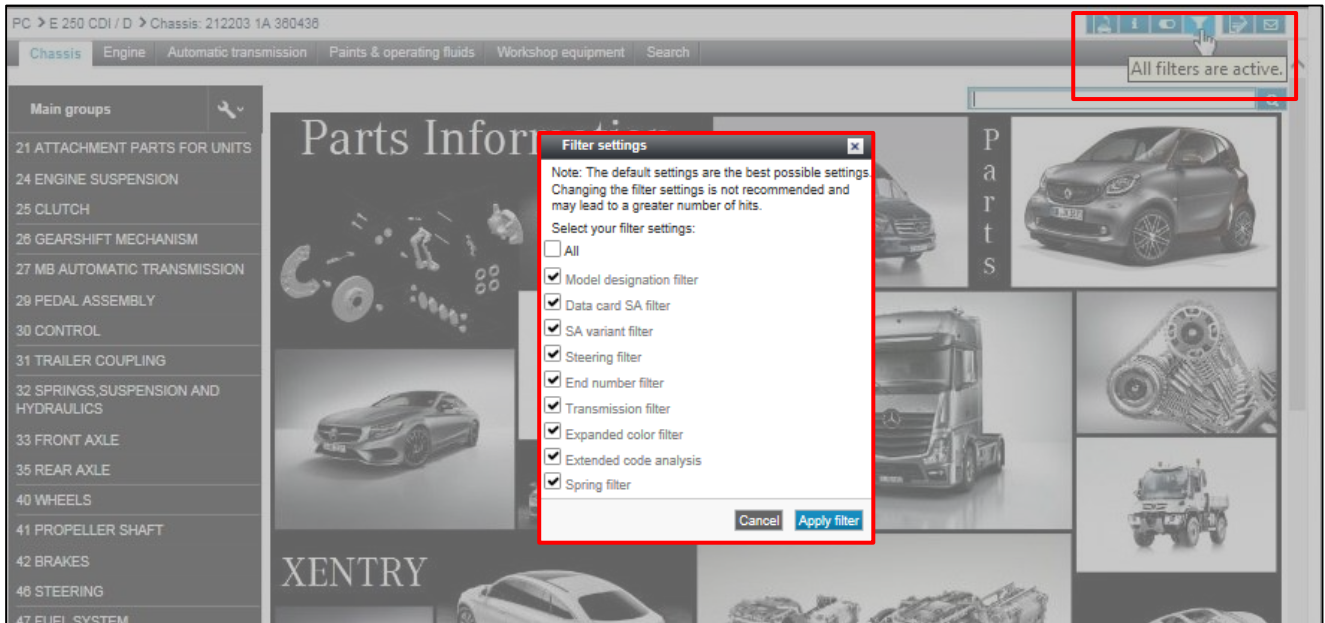


Figure 89 "Filter settings"

The parts search function allows filtering of the results. The possible filters are determined in the context of the VIN and are all activated initially. This gives you a specific quantity of matches. You can select and change the filters by clicking on **Show filter** under the navigation path on the main screen of Parts Information.


Note: Not all filters are possible depending on the VIN. All of the settings in the **Filter settings** window are **temporary**. This means that the settings are only valid for the active vehicle data. If a parts search is carried out afterwards with different vehicle data, the **default filter** is automatically activated for the new context.

All grayed out filters cannot be applied in the current context. Filters are changed by clicking on **Apply filter** and the new results are displayed directly.

Depending on the number of active filters, the filter icon is displayed differently. The possibilities are **"All"** (filter is solid white), **"Some"** (filter is outlined) and **"None"** (filter has a red x).

The possible variants are displayed below:



Note: If a part is valid for several mode designation types, and if all the filters are switched off () , all the model designations that match the part are then automatically shown.

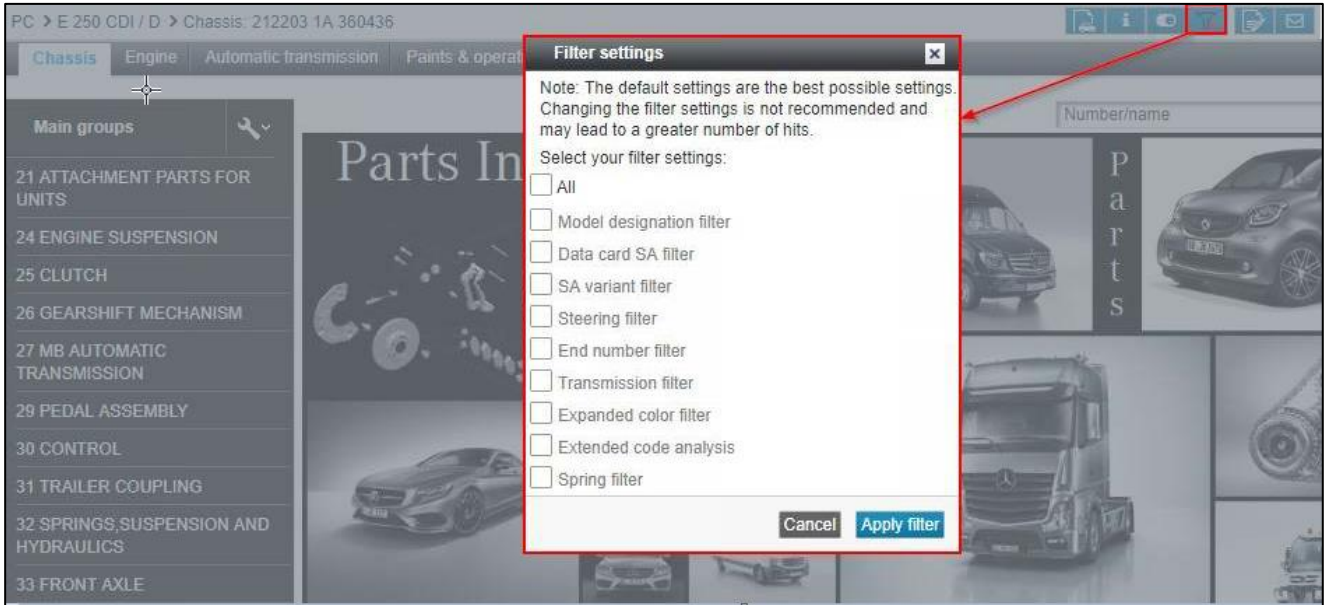


Figure 90 "Filter settings"



Figure 91 "Validity display for model designation types"

Item	Part number	Designation/additional information
>20	A 163 421 19 98	BRAKE CALIPER LEFT Replaces: A1634211398 Show plant information [128, 172, 175] [408] ONLY REPLACEABLE BY PAIRS
>20	A 163 421 23 98	BRAKE CALIPER LEFT Show plant information [113, 128, 175]

Figure 92 "Model designation validity"

For parts that are valid for several model designations, the model designation validities are displayed immediately in the parts list. This function is available when you access the system with a model designation or when you deactivate the filters.

The meanings of the individual filters are explained below:

Model designation filter	
Prerequisite: The model designation is defined in the system.	
<input checked="" type="checkbox"/>	Filters for model designation-specific information in the parts search. Note: The SA list only lists the SAs which are valid for the corresponding model designation.
<input type="checkbox"/>	All of the parts information within a catalog can be accessed. Parts information which is not valid for the selected model designation is also listed.
Data card SA filter	
Prerequisite: The vehicle/major assembly identification number in the system is defined. The data card is stored.	
<input checked="" type="checkbox"/>	SA information is filtered based on the data card and taking the selected group into account. The codes of the data card taken into account during parts identification. Note: Codes are not yet taken into account for older model series and major assemblies.
<input type="checkbox"/>	Allows access to the information of all installable SAs taking the model designation and group into account. The codes of the data card are no longer taken into account. Note: The data card SA filter should be switched off in the following circumstances: When identifying parts relating to retrofitting. If there are inconsistencies between the data card and parts documentation.
SA variant filter	
Prerequisite: The vehicle/major assembly identification number in the system is defined. The data card is stored. The data card SA filter is activated.	
<input checked="" type="checkbox"/>	SA change sequence number information is filtered based on the data card and taking the selected group into account.
<input type="checkbox"/>	Allows access to the information of all installable SA change sequence numbers taking the selected model, group and SA into account. Note: The SA variant filter should be switched off in the following circumstances: When identifying parts relating to retrofitting. If there are inconsistencies between the data card and parts documentation.
Steering filter	
Prerequisite: The vehicle/major assembly identification number in the system is defined.	
<input checked="" type="checkbox"/>	The parts information is filtered based on the steering arrangement LHD (left-hand drive vehicle) or RHD (right-hand drive vehicle) and the group. The information for the steering arrangement is taken from the vehicle/major assembly identification number.
<input type="checkbox"/>	The information for both steering arrangements (LHD and RHD) can be accessed.
End number filter	
Prerequisite: The vehicle/major assembly identification number in the system is defined. Chassis, engine or body are selected as the catalogs.	
<input checked="" type="checkbox"/>	The parts information (including footnotes) is filtered based on end number. The last 6 or 7 digits of the vehicle/major assembly identification number are evaluated depending on the structure of the numerical code.
<input type="checkbox"/>	The end number is not taken into account during selection. Note: End number filtering may not be possible for certain major assemblies. In these cases, a corresponding note is displayed. The end number filter is temporarily deactivated. Parts must be selected manually.

	After exiting the corresponding literature section, the filter functions are automatically reactivated.
Transmission filter	
Prerequisite: The vehicle/major assembly identification number in the system is defined.	
<input checked="" type="checkbox"/>	The parts information is filtered based on the transmission version (automatic or manual) and the group. The information for the transmission version is taken from the data card or major assembly identification number. Note: Only active for passenger cars.
<input type="checkbox"/>	The information from all transmission versions can be accessed, taking the selected model designation into account.
Expanded color filter	
Prerequisite: The vehicle/major assembly identification number in the system is defined.	
<input checked="" type="checkbox"/>	The parts information is filtered based on the color codes (ES2 code). The information for filtering is taken from the color information in the data card. Only parts for which an ES2 code can be found will be displayed. Note: Only active for passenger cars.
<input type="checkbox"/>	The information for all color codes of the selected vehicle can be accessed. Note: In isolated cases, an item may be indicated as not valid even though it is valid for the vehicle. This effect occurs when there are multiple codes of equal status in the color footnote. In this case, this filter should be temporarily deactivated.
Extended code analysis	
Prerequisite: The vehicle/major assembly identification number in the system is defined.	
<input checked="" type="checkbox"/>	The parts information is filtered based on a weighting of the code information of the vehicle. The information for filtering is taken from the code information in the data card. Note: Only active for passenger cars.
<input type="checkbox"/>	The information for all codes of the selected vehicle can be accessed.
Spring filter	
Prerequisite: The vehicle/major assembly identification number in the system is defined and the model series is equipped with the corresponding filter data.	
<input checked="" type="checkbox"/>	The displayed springs are filtered accordingly. The springs then displayed in the parts list thus always match the vehicle. Note: Only active for certain passenger car model series.
<input type="checkbox"/>	All of the installable springs for the model designation are displayed.

Note:

Data filters must be changed or switched off:

- If retrofits have not been documented in VeDoc
- If you want to display **retrofitting information** (which parts can be installed on the vehicle?).

Show notes

Further information about this can be found in [Chapter 5](#).

Create XSF ticket

Further information about this can be found in [Chapter 10.2](#).

5. Creating notes

During your query, you can create **notes** on the main and subgroups, the picture chart and the data card. To do so, simply click on the **Notes** symbol.

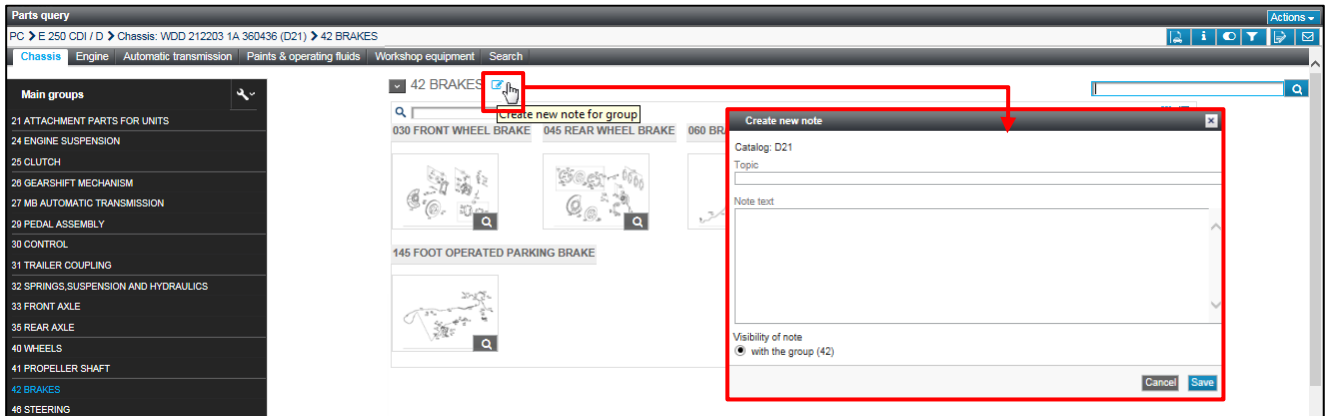


Figure 93 "Create notes on main group"

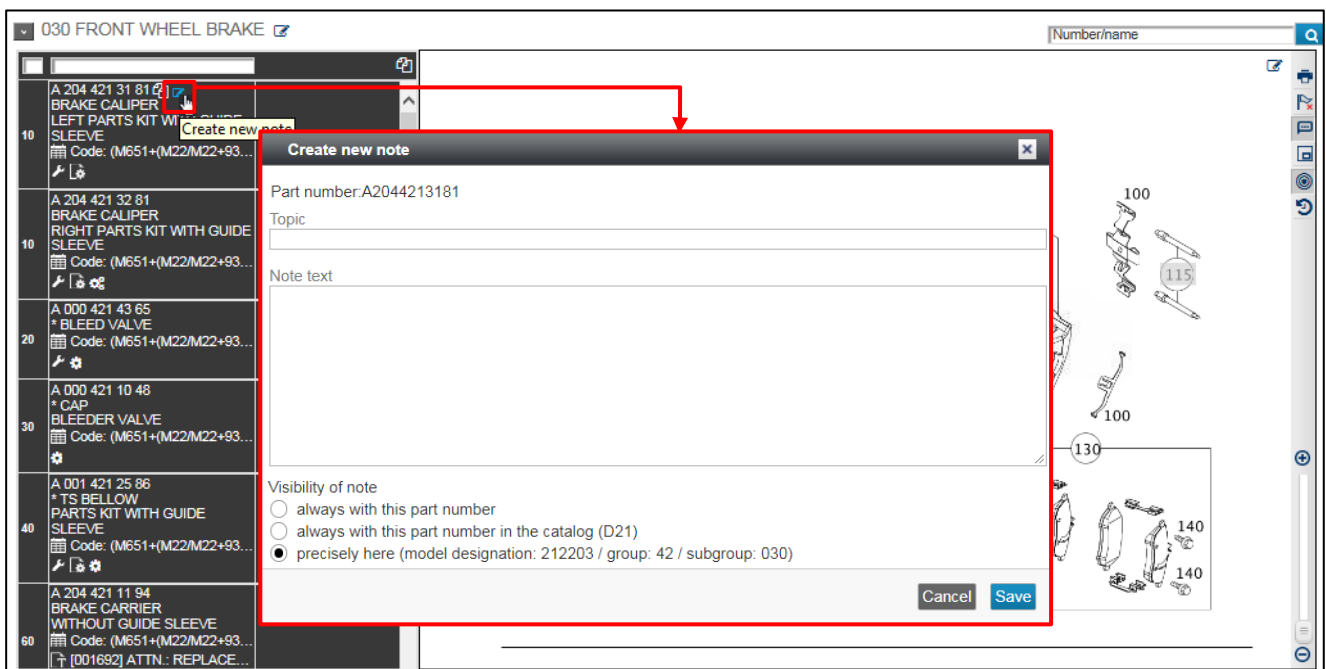


Figure 94 "Create notes on subgroup"

You can also define the visibility of your note e.g. to specify whether it should be displayed in the main group or subgroup.

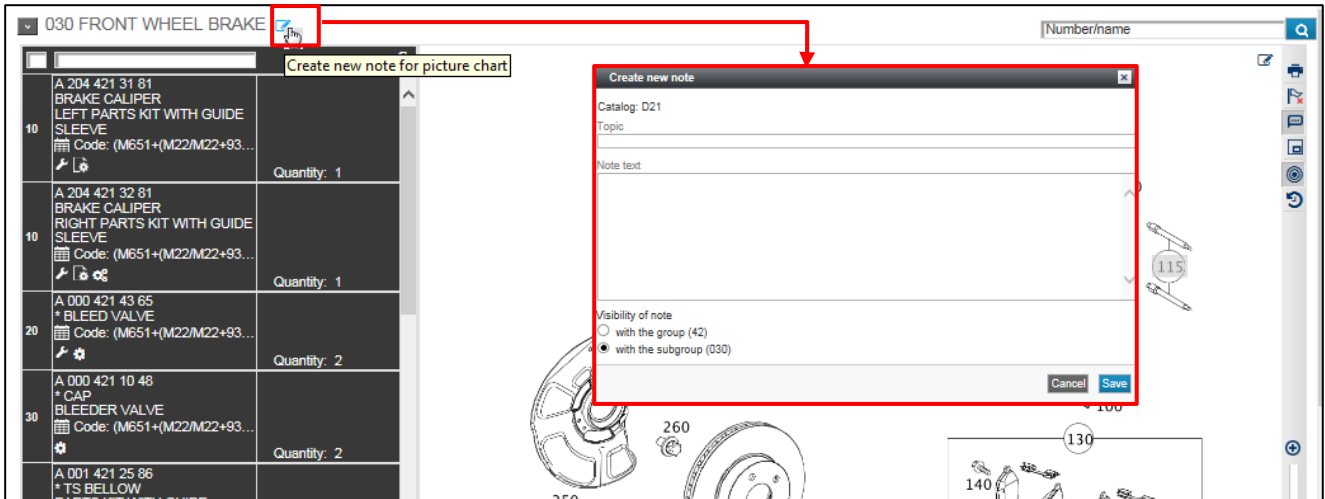


Figure 95 "Defining visibility"

You also have the option of creating a note for the entire picture.

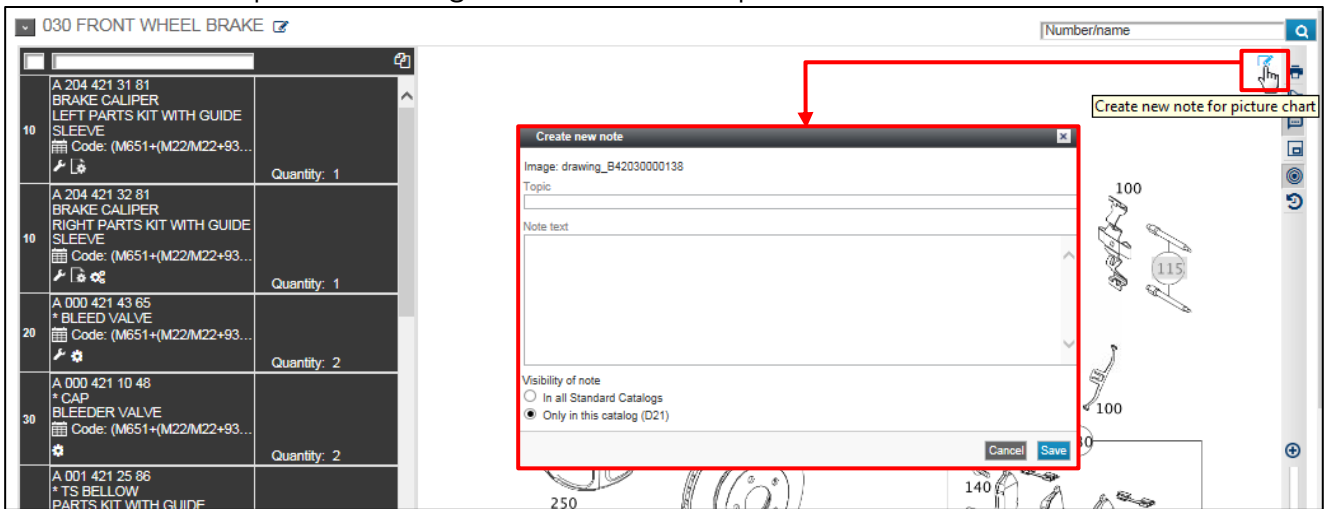


Figure 96 "Create notes on entire picture chart"

You can also create a note about the data card and then have it displayed.

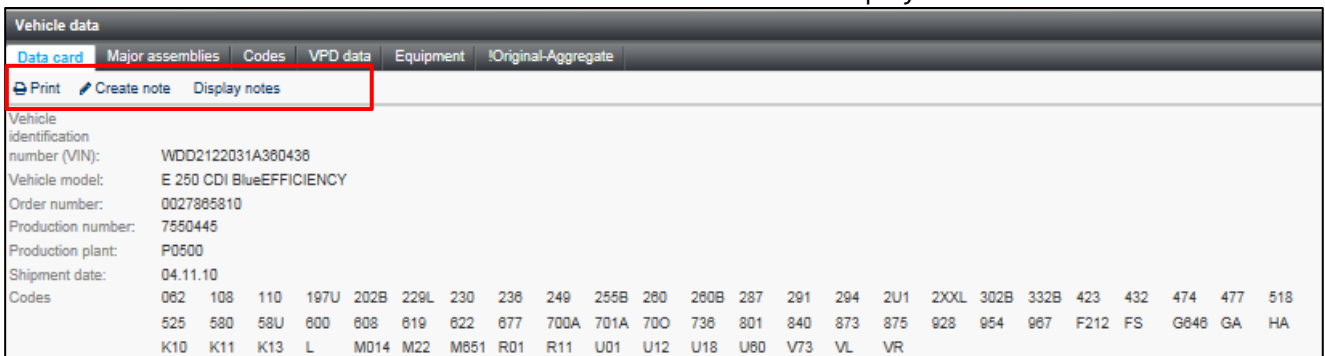



Figure 97 "Create notes in data card"

You can view all of your notes via the  **Display notes** button and these are visible to all users at your service operation. In this overview, you can also change or delete your notes.

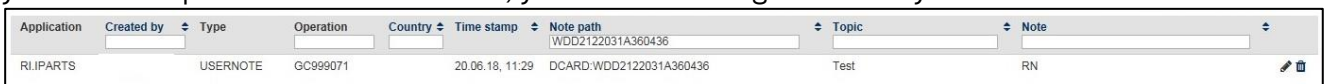


Figure 98 "Display notes"

6. Identify paints and operating fluids

To identify paints & operating fluids, you can select the **Paints & operating fluids** tab after defining a vehicle.

It is also possible to search for **paints & operating fluids** directly (without vehicle data) by selecting the vehicle **category**. To do so, select the vehicle category (Cars, Trucks, smart) in the **group** drop-down menu. Then select the main group (e.g. 10 Touch-up pencils) in the **Model designation** menu. Pressing the **Select model** button displays the parts list you are searching for.

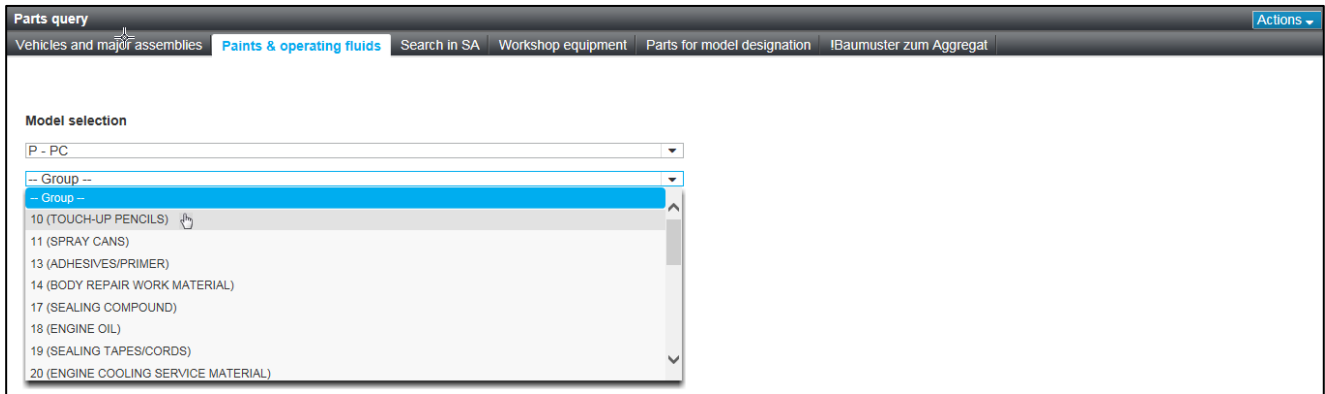
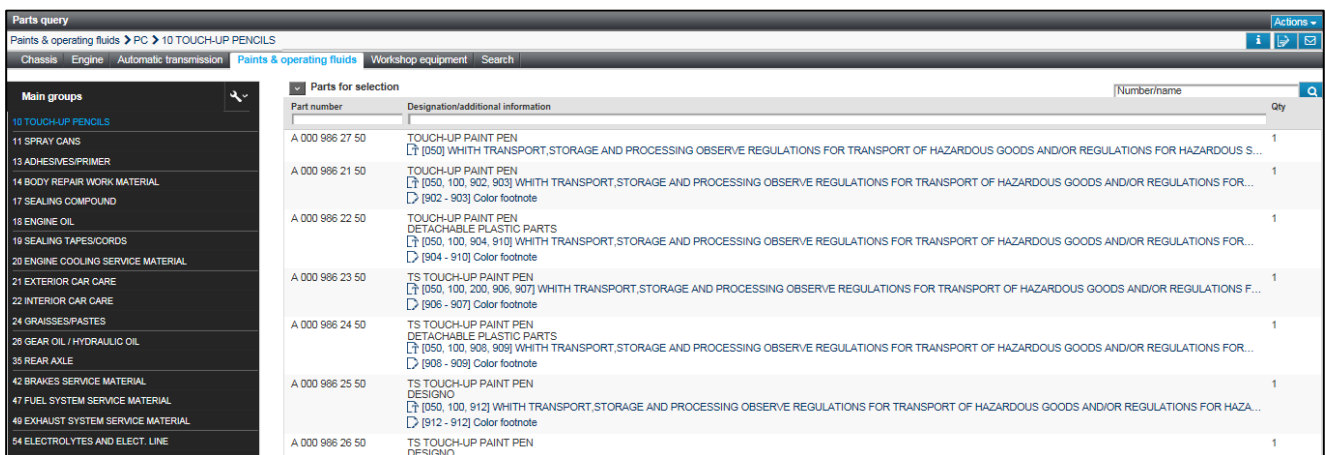


Figure 99 "Model selection drop-down window"

You will then see the following parts list, for example:



Part number	Designation/additional information	Qty
A 000 986 27 50	TOUCH-UP PAINT PEN [↑] [050] WHITH TRANSPORT,STORAGE AND PROCESSING OBSERVE REGULATIONS FOR TRANSPORT OF HAZARDOUS GOODS AND/OR REGULATIONS FOR HAZARDOUS S...	1
A 000 986 21 50	TOUCH-UP PAINT PEN [↑] [050, 100, 902, 903] WHITH TRANSPORT,STORAGE AND PROCESSING OBSERVE REGULATIONS FOR TRANSPORT OF HAZARDOUS GOODS AND/OR REGULATIONS FOR... [↓] [902 - 903] Color footnote	1
A 000 986 22 50	TOUCH-UP PAINT PEN DETACHABLE PLASTIC PARTS [↑] [050, 100, 904, 910] WHITH TRANSPORT,STORAGE AND PROCESSING OBSERVE REGULATIONS FOR TRANSPORT OF HAZARDOUS GOODS AND/OR REGULATIONS FOR... [↓] [904 - 910] Color footnote	1
A 000 986 23 50	TS TOUCH-UP PAINT PEN [↑] [050, 100, 200, 906, 907] WHITH TRANSPORT,STORAGE AND PROCESSING OBSERVE REGULATIONS FOR TRANSPORT OF HAZARDOUS GOODS AND/OR REGULATIONS F... [↓] [906 - 907] Color footnote	1
A 000 986 24 50	TS TOUCH-UP PAINT PEN DETACHABLE PLASTIC PARTS [↑] [050, 100, 908, 909] WHITH TRANSPORT,STORAGE AND PROCESSING OBSERVE REGULATIONS FOR TRANSPORT OF HAZARDOUS GOODS AND/OR REGULATIONS FOR... [↓] [908 - 909] Color footnote	1
A 000 986 25 50	TS TOUCH-UP PAINT PEN DESIGNO [↑] [050, 100, 912] WHITH TRANSPORT,STORAGE AND PROCESSING OBSERVE REGULATIONS FOR TRANSPORT OF HAZARDOUS GOODS AND/OR REGULATIONS FOR HAZA... [↓] [912 - 912] Color footnote	1
A 000 986 26 50	TS TOUCH-UP PAINT PEN DESIGNO	1

Figure 100 "Parts list for touch-up pencils"

The following information must always be taken into account in order to precisely identify a part number in **Paints & operating fluids**:

- Additional information
- Footnotes must be evaluated

Using the filter function

Use the filter function by entering a part number or a designation in the filter field.

Note: In the **additional information** input field, the search is restricted to the terms entered:

- The search terms are not case sensitive
- Wildcards (e.g. *) may not be used
- German accents (e.g. Ä or Ö) may not be used

7. Identify special tools

7.1 Vehicle definition

It is possible to search for special tools in the **Tools** tab. Depending on which vehicle data are available to you, you can carry out a **fully qualified** search (identification through VIN) or **partially qualified** search (identification through assortment class or model designation).

Ideally, parts identification should be carried out with a vehicle identification number (VIN).

Parts query

Vehicles and major assemblies | Paints & operating fluids | Search in SA | Workshop equipment | Parts for model designation | fBaumuster zum Aggregat

Model designation or VIN

3TA360436 Search

Enter:
e.g. 212203
or
WDD2122031A360436

Assortment class

Please select...

Model designation

No model designation found.

Major assemblies

- 000 - M
- 102 - M
- 103 - M
- 104 - M
- 110 - M
- 111 - M
- 112 - M
- 113 - M
- 115 - M
- 116 - M

Search

Text

Part number: W 58

Designation

Note: * ? and blank spaces will be accepted as wildcard characters for part numbers.

Search

Figure 101 "Vehicle definition with VIN"

Enter your **VIN** and then click on **Search** to start the parts search. The special tool parts list appears. Use the filter functions to narrow down your search results.

Part number	Designation/additional information	FG	Kit	Image
W 602 589 05 63 01	Pressure pins Pressure pins dia. 2.9 mm (5 units) for thrust spindle 602 589 05 63 00 with chain breaker tool 602 589 02 33 00.		C	
W 103 589 00 21 01	Pressure gauge Purpose: A pressure gauge for measuring fuel and oil pressure within range of 0 to 10 bar. Test equipment category CAT_B.	07, 18, 47	B	
W 001 589 51 33 00	Hollow piston cylinder Purpose: Hydraulic hollow piston cylinder in combination with pump 652 589 00 33 21.	07	B	
W 286 589 01 63 00	154-pin adapter cable Purpose: Adapter cable, 154-pin for diagnosis of the gasoline injection and ignition system as well as for diagnosis of the Common Rail System in combination with the socket box 124 589 00 21 00 and 129 589 00 21 00.	07	B	

Figure 102 "Special tool parts list"

Note: The results are spread out over several pages.

7.2 Manual definition via assortment class

You can also define your search **manually** via the assortment class. Select the **Cars** entry in the **Assortment class** drop-down menu. The model designation and major assemblies drop-down menu is expanded.

Then select the desired model designation and major assembly in the search screen. The search is started after making a selection and clicking on Search.

Note: Multiple selections are possible.

7.3 Quick search via part number/designation

Alongside the **vehicle definition** and **manual search** functions, you can also find special tools via the **part number/designation quick search**. To do so, either enter the part number or the part designation and start your search with the **Search** button.

All of the available parts for all assortment classes, model designations and major assemblies are then displayed. When you enter the filter criteria, the special tool parts list is filtered accordingly.

8. Search function

8.1 Basic search

Enter the search term, e.g. a part number or part designation, in the input field and then click on the **magnifying glass** to start the **search**. All of the search hits for your input appear in a separate window. Clicking on the part number takes you automatically to the picture chart and the associated item number.

Note: The system inserts wildcards (placeholders) in front of and behind the entry to increase the probability of finding hits.

This can be deactivated in your user settings.

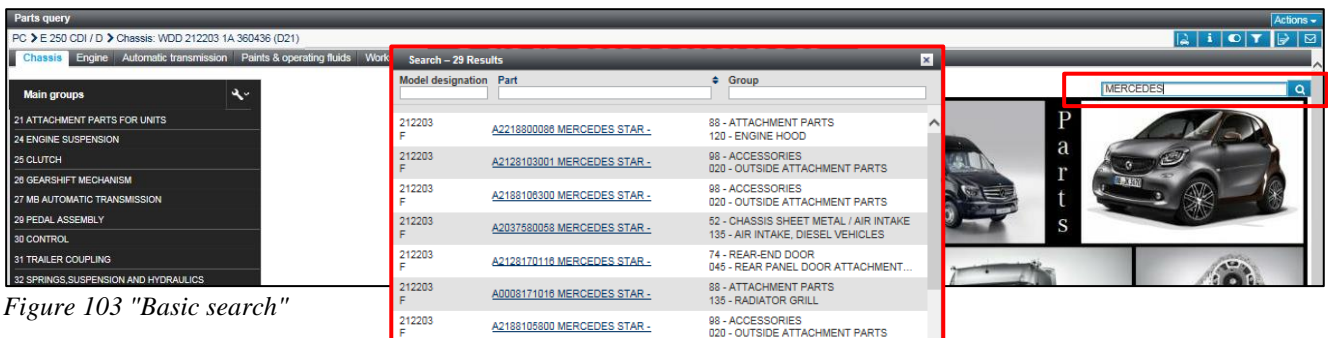


Figure 103 "Basic search"

In addition to entering the part number or part designation, you can also enter the design group. If you enter "42", for example, this brings up design group 42 and takes you to the view of the subgroups.

You can then also enter the number of the desired subgroup on your keyboard. In the last step, you now have the option of entering the desired item number and confirming this with the **"Enter"** key. After this entry, the corresponding part is highlighted.

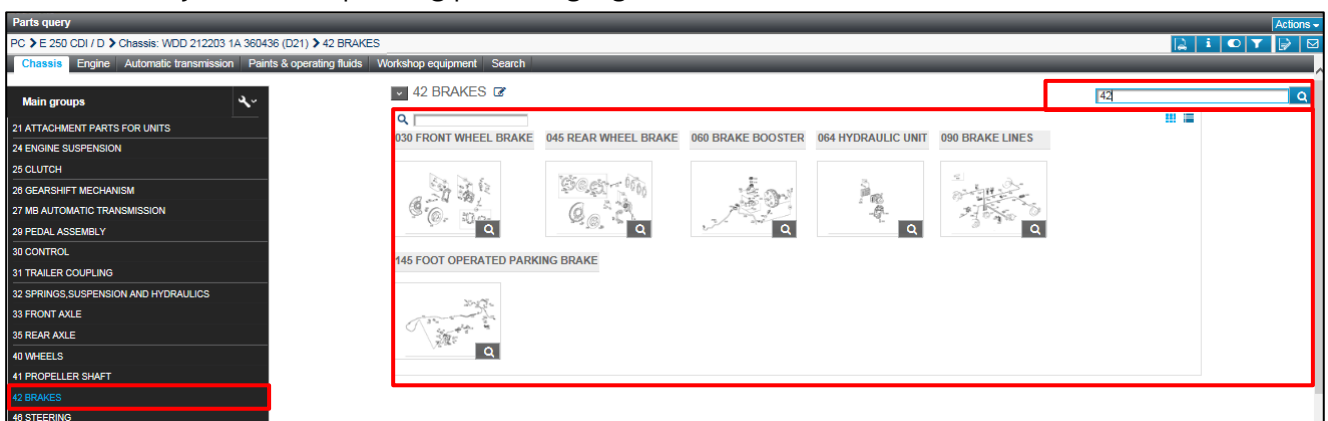


Figure 104 "Search with design group"

You can also highlight multiple parts quickly using the same principle. In order to remove the highlighting of a highlighted part, e.g. if you enter the wrong number, all you have to do is type the item number again and confirm with the **"Enter"** key.

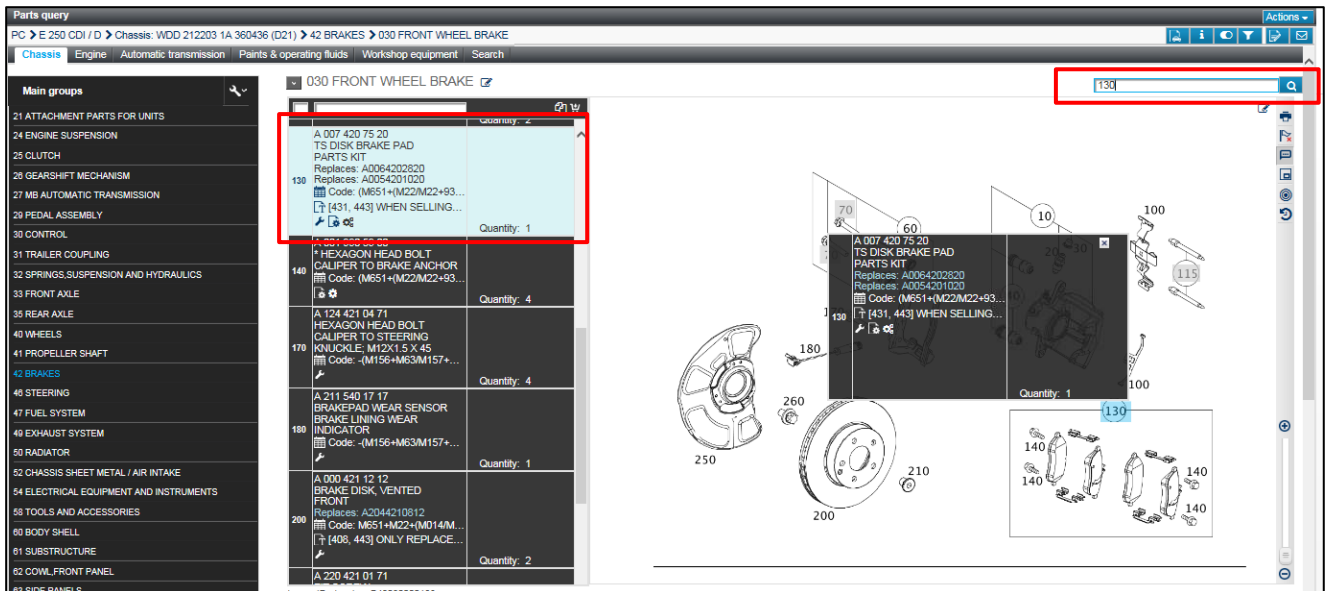


Figure 105 "Highlighting of parts with search function"

You can also change the main group with your keyboard inputs. If, for example, you are looking at main group "42 Brakes" and subgroup "030 Front wheel brake" and you type in "46", this takes you to main group "46 Steering".

Note: If the search for a part does not produce any hits, the message "No parts were found for search text ..." appears.

8.2 Advanced search with vehicle data

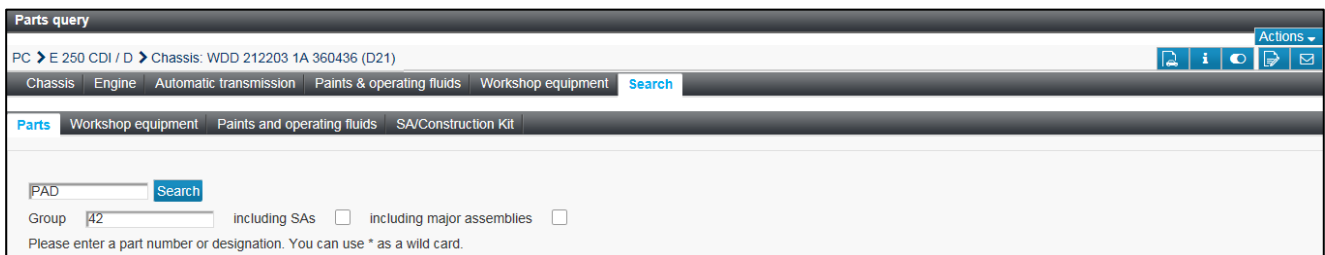


Figure 106 "Advanced search with vehicle data"

Under the **Search** tab, you have the option of performing an advanced search by selecting various filter options.

In addition to a basic search entry, you can apply the following **filters**:

Group

Filters out all parts which are not contained in the specified group ID. A maximum of one group ID can be specified.

Additional information for designation

Filters out all parts which do not contain the specified additional information.

Including SAs

This checkbox activates/deactivates the inclusion of SAs.

Including major assemblies

This checkbox activates/deactivates the inclusion of major assemblies.

Model designation	Part	Group
212203 F	A0064202820 DISK BRAKE PAD -	42 - BRAKES 030 - FRONT WHEEL BRAKE
212203 F	A0054201020 TS DISK BRAKE PAD -	42 - BRAKES 030 - FRONT WHEEL BRAKE
212203 F	A0054201320 TS DISK BRAKE PAD -	42 - BRAKES 030 - FRONT WHEEL BRAKE
212203 F	A0074205820 TS DISK BRAKE PAD -	42 - BRAKES 030 - FRONT WHEEL BRAKE
212203 F	A0054209420 TS DISK BRAKE PAD -	42 - BRAKES 045 - REAR WHEEL BRAKE
212203 F	A0074206820 TS DISK BRAKE PAD -	42 - BRAKES 045 - REAR WHEEL BRAKE
212203 F	A0074207520 TS DISK BRAKE PAD -	42 - BRAKES 030 - FRONT WHEEL BRAKE

Figure 107 "Search including major assemblies"

8.3 Advanced search for workshop equipment with vehicle data

Parts from the **Tools** category can be searched for and filtered using this search function.

PC > E 250 CDI / D > Chassis: WDD 212203 1A 360436 (D21) > 42 BRAKES > 030 FRONT WHEEL BRAKE

Chassis Engine Automatic transmission Paints & operating fluids Workshop equipment Search

Parts Workshop equipment Paints and operating fluids SA/Construction Kit

Part number W 0?? 58 8 00 72 ?*

Designation

Note: *, ? and blank spaces will be accepted as wildcard characters for part numbers. Inquiry does not use vehicle data.

Search

Figure 108 "Search for workshop equipment with vehicle data"

The following **filter options** are available:

Part number

The part numbers for workshop equipment are made up of separate sections.

Each part number is structured as follows:

"W" + "XXX" + "58" + "X XX XX XX". A free-text search for the part number can be carried out using wild cards (*; ?; space character).

Designation

Filters out all tools which do not contain the specified designation.

PC > E 250 CDI / D > Chassis: WDD 212203 1A 360436 (D21) > 42 BRAKES > 030 FRONT WHEEL BRAKE

Chassis Engine Automatic transmission Paints & operating fluids **Workshop equipment** Search

3 entries have been found for the W0**5880072** / search parameter.

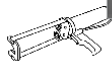
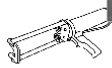
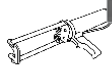
Part number	Designation/additional information	Validities	Groups	Kit	Image
W 000 588 00 72 00	Sealing and corrosion protection gun Purpose: Double cartridge gun for processing two-component material of double cartridges with Mercedes-Benz object number. Procurement information: This criteria catalog is intended as an aid for selecting one of the commercially available variants of a workshop equipment item. It merely describes the minimum requirements for fulfilling the Mercedes-Benz standard. No reference is therefore made to manufacturer-specific	T (Light vans): 900, 906, 907, 910 T (Passenger car): 166, 177, 204, 205, 207, 209, 212, 213, 217, 218, 221, 222, 231, 238, 253	63, 65, 77, 97	B	
W 000 588 00 72 00	Sealing and corrosion protection gun Purpose: Double cartridge gun for processing two-component material of double cartridges with Mercedes-Benz object number. Procurement information: This criteria catalog is intended as an aid for selecting one of the commercially available variants of a workshop equipment item. It merely describes the minimum requirements for fulfilling the Mercedes-Benz standard. No reference is therefore made to manufacturer-specific equipment or items.	T (Light vans): 900, 906, 907, 910 T (Passenger car): 118, 166, 177, 204, 205, 207, 209, 212, 213, 217, 218, 221, 222, 231, 238, 247, 253	63, 65, 77, 97	B	
W 000 588 00 72 00	Sealing and corrosion protection gun Purpose: Double cartridge gun for processing two-component material of double cartridges with Mercedes-Benz object number. Procurement information: This criteria catalog is intended as an aid for selecting one of the commercially available variants of a workshop equipment item. It merely describes the minimum requirements for fulfilling the Mercedes-Benz standard. No reference is therefore made to manufacturer-specific equipment or items.	T (Light vans): 900, 906, 907, 910 T (Passenger car): 118, 166, 167, 177, 204, 205, 207, 209, 212, 213, 217, 218, 221, 222, 231, 238, 247, 253	63, 65, 77, 97	B	

Figure 109 "Parts list for workshop equipment"

Note: The advanced **Workshop equipment** search **does not use vehicle data**.

8.4 Advanced search without vehicle data

On the ISP Parts Information home screen, you also have the option of performing a parts search without vehicle context. To do so, just enter a part number on the right. A new dialog window opens. Here you can select a **model designation** for your part number by clicking on the **Type/SA number**.

Parts query Actions

Vehicles and major assemblies Paints & operating fluids Search in SA Workshop equipment Parts for model designation I Baumuster zum Aggregat

Model designation or VIN Part search

Enter minimum of 6 digits ← Select one or both → Search

Model selection

Figure 110 "Advanced search without vehicle data"

Parts query Actions

Vehicles and major assemblies Paints & operating fluids Search in SA Workshop equipment Parts for model designation I Baumuster zum Aggregat

Model designation or VIN Part search

Enter minimum of 6 digits ← Select one or both → Search

Search X

Select a part number:

Model designation	Part number	Designation
C204	A 204 466 18 81	LOW-PRESSURE LINE
C207	A 204 466 18 81	LOW-PRESSURE LINE
C212	A 204 466 18 81	LOW-PRESSURE LINE

Back

Figure 111 "Search window"

9. Printing out labels for special tools

To print labels for special tools, enter a model designation or a VIN under the workshop equipment tab. If the model designation or VIN are not available, you can also start the search via the product range classification or a text search (e.g. pliers).

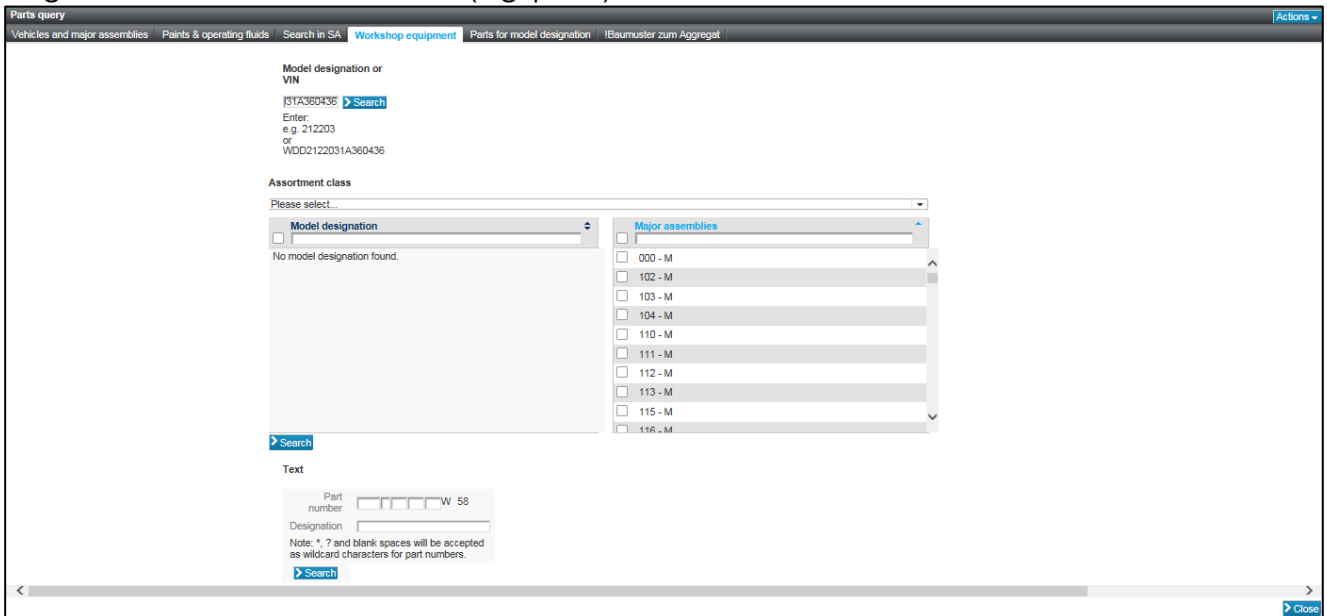


Figure 112 "Search in the workshop equipment tab"

After entering your vehicle data, the labels for special tools are displayed. Now place the desired special tools in the shopping cart and then click on the Print button.

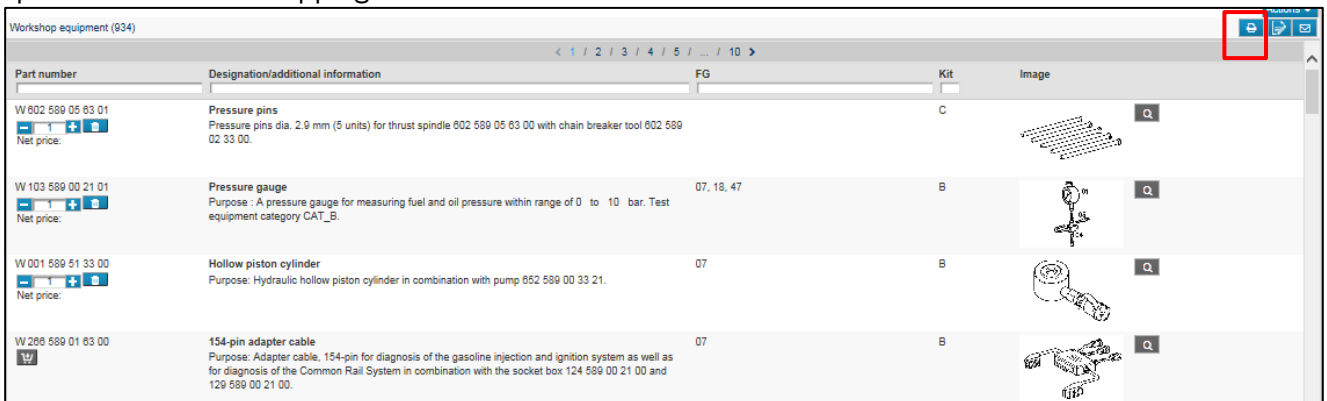


Figure 113 "Parts list with special tools"

A dialog appears and you can select the desired label items. After selection, these are printed out by clicking on Print.

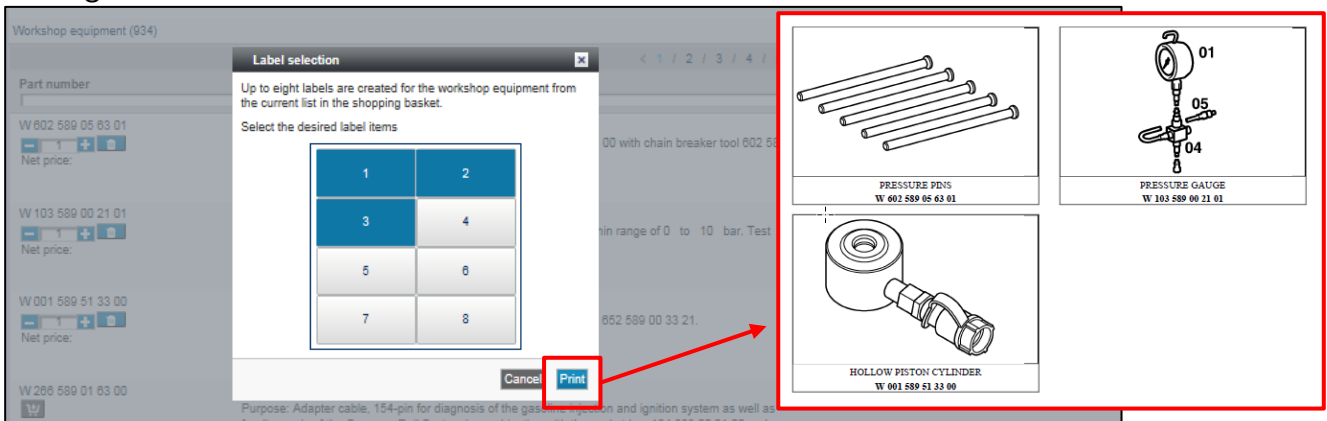


Figure 114 "Label selection dialog"

10. Service and support

10.1 Display and handling of notes and error messages

When using ISP Parts Information, error messages may appear if certain actions cannot be successfully executed.

Errors can generally be classified into one of the following **error categories**:

1. Data error

Such errors occur when data is missing or corrupted and may be caused by user error or by ISP Parts Information or the applications linked to it.

2. Authorization error

Such errors occur on individual applications run by the user when authorizations are missing or have expired.

3. Connection error

Such errors occur if ISP Parts Information or linked applications require too much time to respond to a query (also known as timeout error).

4. Other errors

This error category includes all errors that cannot be assigned to one of the above categories (e.g. call errors or programming errors).

Error messages in ISP Parts Information are generally classified into one of the following categories:

1. Information

Messages intended merely to provide information are classified as information messages. This information is shown directly within the affected sections.

2. Notes

Notes serve to tell you, for example, that a vehicle has been successfully defined or that an application has not yet been introduced in your country.

3. Warning

Errors that have no effect on your work with ISP Parts Information are displayed as warnings. Warnings are shown directly within the affected sections. If a remedy is available that can be implemented by the user, this remedy will be shown on the screen. You can also use the **Support** button that appears in the form of an **envelope** to directly submit a query to support.

4. Errors

Errors that may have an effect on your work with ISP Parts Information are displayed as errors. Errors are shown directly within the affected sections. If a remedy is available that can be implemented by the user, this remedy will be shown on the screen. You can also use the **Support** button that appears in the form of an **envelope** to directly submit a query to support.

5. Critical errors

Critical errors are errors that prevent users from continuing their work with ISP Parts Information. Critical errors are displayed in a pop-up window. Here again, you can use the **Support** button to submit a support query.

In case multiple error messages occur simultaneously, you will only be shown a brief summary of the problem within the affected sections. Clicking on the **magnifying glass** icon will open a pop-up window where you can view all error messages in detail. Here again, you have the option of pressing the **Support** button in the form of an **envelope** to submit a support query.

10.2 Submit service support query via XSF

If you have questions pertaining to the operation and use of ISP Parts Information, please first consult this user documentation and the FAQs contained in it. If you find no answer to your questions in the user documentation, you can contact support.

If you receive an error message while working with ISP Parts Information or would like to submit a technical query, you can press the **Support** button directly within this error message to submit a support query.

Creating an XSF ticket

You have found an error in the documentation. You can start the support process by clicking on the envelope symbol in the button bar.

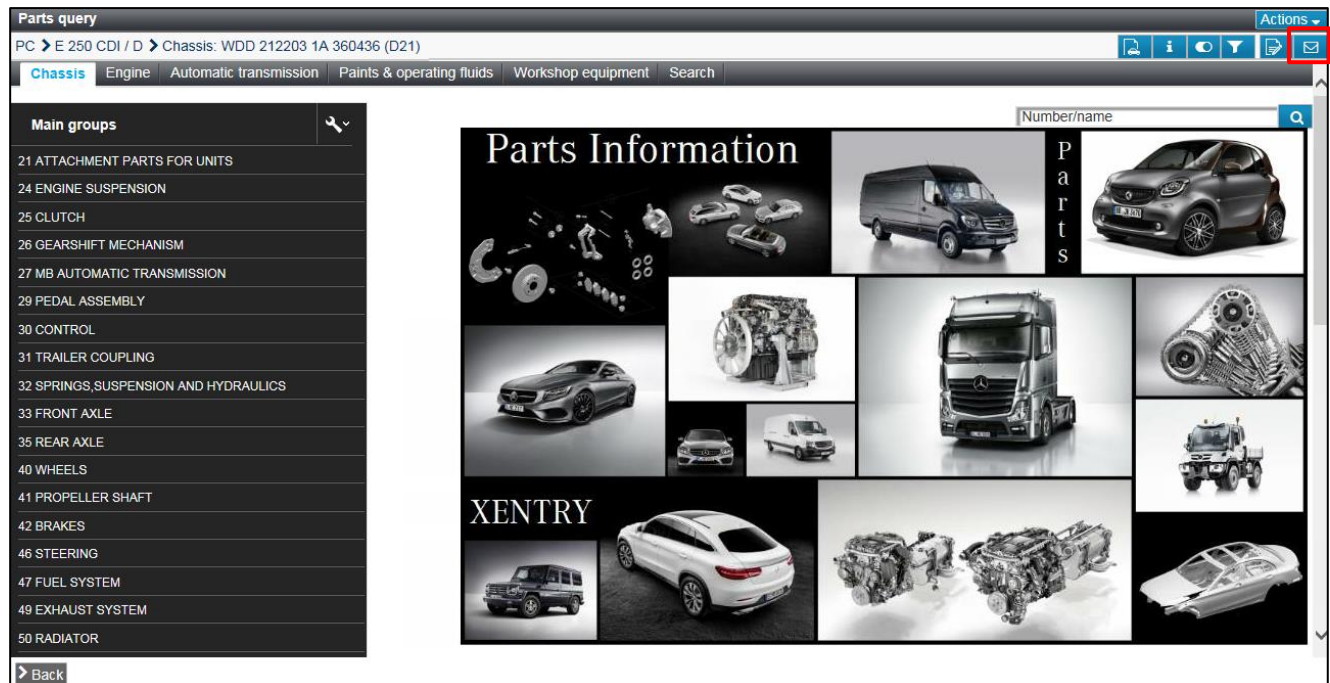


Figure 115 "Create XSF ticket"

11. FAQ - Frequently Asked Questions

11.1 Parts identification

1. What are the features of the parts search function?

Several search options are available:

- A parts search without vehicle data can be carried out without specifying a vehicle (FIN/VIN) or model designation. Searching for a part designation is not possible with this search option.
- A parts search with vehicle data requires specification of the vehicle, either by entering the vehicle data (FIN/VIN) or the model designation (6-digit). Either the part number or the part designation can be used as the search term. Alongside these search options, it is also possible to search for the vehicle model designation for a major assembly or perform a parts search for a model designation.

2. How can I identify the installation location of a part if I know the part number?

If you know a part number, the installation location can be identified by a part search. The part search is brought up via the **Search** search window.





Search option	Function
Part without vehicle data	Search term: Part number. Search result: The installation location of the part.  The search option can be started without specifying a vehicle (FIN/VIN) or model designation. It is not possible to search for a part designation with this search option.  Search - Part without vehicle data (new Online Help window)
Part with vehicle data	Search term: Part number or part designation. Search result: The installation location of the part.  A vehicle (FIN/VIN) or a model designation (6-digit) must be specified in order for the search to begin. Either the part number or the part designation can be used as a search term.  Search - Part with vehicle data (new Online Help window)

Figure 118 "Parts search with and without vehicle data"

3. How can I identify the model designations in which a particular major assembly is installed?

If you want to identify all model designations in which a particular major assembly is installed, this can be done with a part search. The part search is brought up via the **Search** search window.

4. What should I do if a part is designated as "invalid" in the parts list even though there should be a valid part available?

When identifying parts with color footnotes, it is possible in isolated cases that a part is displayed as "Item number invalid for this model designation" even though there should be a valid part available. This effect occurs when there are multiple codes of equal status in the color footnote. To display the part anyway, you must switch off the **Expanded color filter**. To do so, the corresponding check box is deactivated in the **Show/change filter** window (F7).

Note: If necessary, the data filter can also be deactivated completely. All of the part numbers of a subgroup or SA variant are then displayed in the parts list.

5. How can I identify passenger car springs?

Passenger car springs can be identified in Parts Information with three different methods. The method to be used depends on the model designation.

Method 1: Automatic filter for springs in parts list

The springs and spring inserts are automatically filtered in the parts list. The springs displayed in the parts list thus always match the vehicle.

Note: The vehicle data required for the filtering have been introduced for newly produced vehicles as of the first quarter of 2013.

054 SPRING STRUT AND SPRING STRUT MOUNTING FRONT		
20	A 212 322 00 84 SHIM BOTTOM LEFT & RIGHT	Quantity: 2
30	A 212 321 13 04 COIL SPRING COLOR MARKING: 4 X GREEN	Quantity: 2
40	A 212 322 01 84 COIL SPRING SHIM TOP LEFT AND RIGHT Replaced by: A 212 322 02 84	Quantity: 2
40	A 212 322 02 84 COIL SPRING SHIM TOP LEFT AND RIGHT	Quantity: 2

The diagram shows an exploded view of the front spring strut assembly. Components are numbered: 10 (strut), 20 (bottom shim), 30 (coil spring), 40 (top shim), 50 (top shim), 60 (coil spring), 70 (top shim), 80 (top shim), 90 (top shim), 95 (top shim), 100 (top shim), 200 (top shim), 250 (nut), 260 (nut), 270 (nut), 280 (nut).

Figure 119 "Spring determination through automatic filter"

Method 2: Identification through color marking on old part

It is possible to identify the front and rear axle springs of a passenger car by reading off the color marking on the old part. This color marking should be compared against the color marking in the parts list.

Note: In the case of model series C166, C197, C204, C207, C212 and C218, springs can only be identified by reading off the color marking on the old part.

It is no longer possible to identify them via a spring table in the footnote on these model series.

Item	Part number	Designation/additional information	Qty
> 10	A 203 321 38 04	FRONT SPRING COLOR MARKING: 1 X RED Code: -(M112+M001/M612+M30/M55/M005); [T014] TO DETERMINE THE FRONT SPRINGS, THE POINTS IN THE TABLE BELOW FOR EACH RESPECTIVE MODEL AND ...	2
> 10	A 203 321 39 04	FRONT SPRING COLOR MARKING: 1 X YELLOW Code: -(M112+M001/M612+M30/M55/M005); [T014] TO DETERMINE THE FRONT SPRINGS, THE POINTS IN THE TABLE BELOW FOR EACH RESPECTIVE MODEL AND ...	2
> 10	A 203 321 40 04	FRONT SPRING COLOR MARKING: 2 X RED Code: -(M112+M001/M612+M30/M55/M005); [T014] TO DETERMINE THE FRONT SPRINGS, THE POINTS IN THE TABLE BELOW FOR EACH RESPECTIVE MODEL AND ...	2

Figure 120 "Spring determination through color coding"

Method 3: Identification by table for older model designations.

Depending on the special equipment installed, there are points totals in the footnote. The result indicates the springs to be installed.

> 10	A 203 321 39 04	FRONT SPRING COLOR MARKING: 1 X YELLOW Code: -(M112+M001/M612+M30/M55/M005); [T014] TO DETERMINE THE FRONT SPRINGS, THE POINTS IN THE TABLE BELOW FOR EACH RESPECTIVE MODEL AND ...	2
> 10	A 203 321 40 04	FRONT SPRING COLOR MARKING: 2 X RED Code: -(M112+M001/M612+M30/M55/M005); [T014] TO DETERMINE THE FRONT SPRINGS, THE POINTS IN THE TABLE BELOW FOR EACH RESPECTIVE MODEL AND ...	2

Figure 121 "Tabular spring determination"

ID	Text			
A 203 321 38 04 FRONT SPRING				
TO DETERMINE THE FRONT SPRINGS, THE POINTS IN THE TABLE BELOW FOR EACH RESPECTIVE MODEL AND THE SPECIAL VERSIONS INSTALLED ARE TO BE ADDED UP				

MODEL	POINTS TOTAL	CODE	SPECIALEQUIPMENT	POINTS TOTAL
203.004	195	228	AUXILI.HEATER	1
203.006	196	352	COMMAND	1
203.007	199	353	AUTO-PILOT SYS.	1
203.008	200	413/414	FULL-GLASS RF. SD/SR	2
203.016	205	423+203.007/040/042/043	AUTOMATIC TRANS. 5-SPEED	4
203.018	216	423+203.008/064/004/016/006	AUTOMATIC TRANS. 5-SPEED	2
203.020	218	423+203.035/046/045/061	AUTOMATIC TRANS.. 5-SPEED	4
203.035	181	423+203.065/018	AUTOMATIC TRANS.. 5-SPEED	3
203.040	188	424+203.035/045	SEQUENTRONIC (KGS)	2
203.042	188	424+203.040/042/043/046/007	SEQUENTRONIC (KGS)	1
203.043	188	424+203.008/061/081/004	SEQUENTRONIC (KGS)	1
203.045	188	424+203.006/016/018	SEQUENTRONIC (KGS)	1
203.046	188	427+203.052	7-SPD. AUTOMATIC TRANSMISSION	5
203.052	195	427+203.054	7-SPD. AUTOMATIC TRANSMISSION	4
203.054	197	427+203.056	AUTOMATIC TRANS., 7-SPEED	3
203.056	202	474+203.007/008/020	PARTICULATE FILTER	1
203.061	187	481	UNDERBODY PROTECTION	4
203.064	191	525	RADIO AUDIO 50 APS	1
203.065	205	550	TRAILERHITCH.....	2
203.076	205	550+669	SPARE..WHEEL	2
203.081	216	580	AIR CONDITIONING	3

Figure 122 "Tabular spring determination: Footnotes"

6. How can I identify plug housings and contacts for wiring harness repair?

As of model series 230 plug housings and contacts are documented on the respective component (e.g. horn, instrument cluster etc.). Plug housings of connectors between individual wiring harnesses can be found on the wiring harness.

As of model series 204 and subsequent model series, contacts are identified via the contact type recorded in the additional designation on the plug housing. A plug housing for a particular contact type must have contacts of the same contact type. An example of contact identification is provided below.

Example of identification of contacts for wiring harness repair as of model series 204:
 The correct contact socket needs to be identified for an instrument cluster of model designation "204048".

1. Enter the model designation in the search field and select Group 54 (Electrical equipment and instruments).

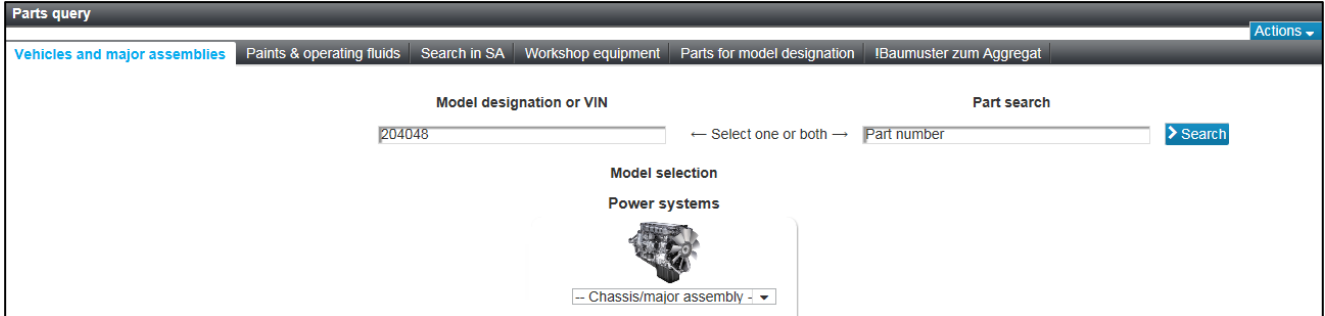


Figure 123 "Determining contacts through search field"

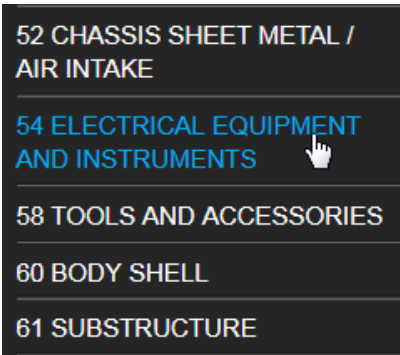


Figure 124 "ELECTRICAL EQUIPMENT AND INSTRUMENTS MAIN GROUP"

2. Select subgroup 585 (Instrument cluster). Select item 900 (connector housing) in the picture chart. Note down the PIN number "18-PIN" entered in the additional information along with the contact type "MQS".

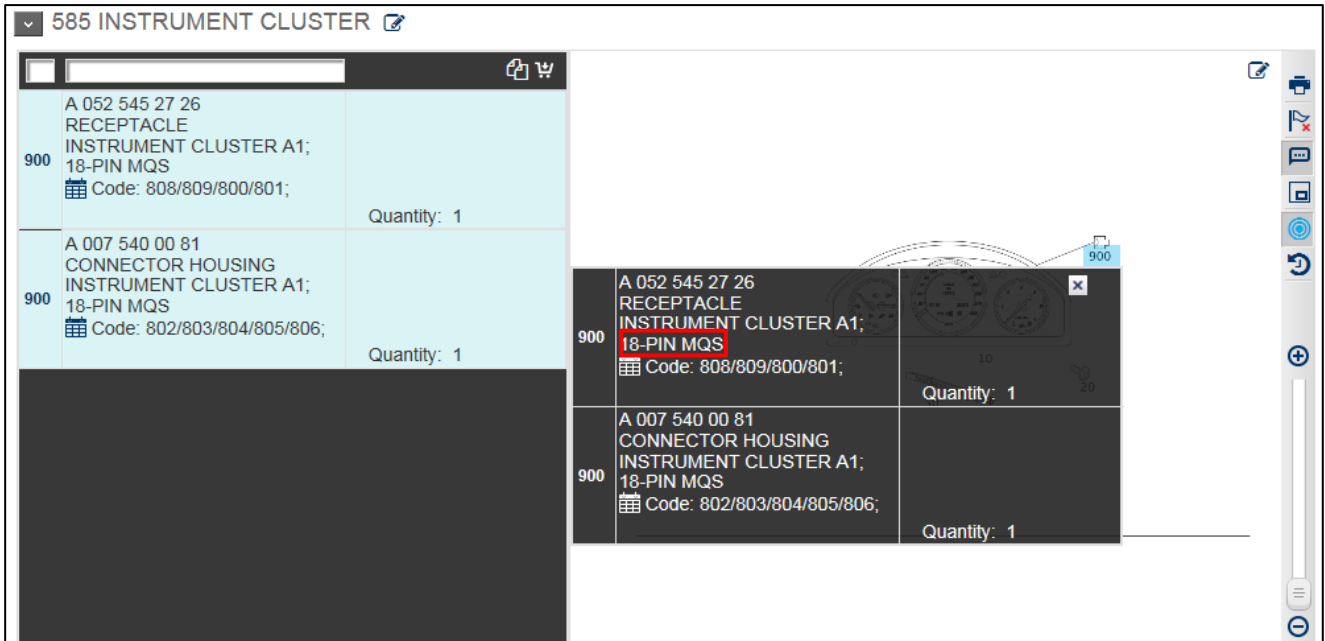


Figure 125 "INSTRUMENT CLUSTER SUBGROUP"

3. Switch to subgroup 019 (Contact parts). The contacts are identified via the picture in this subgroup.

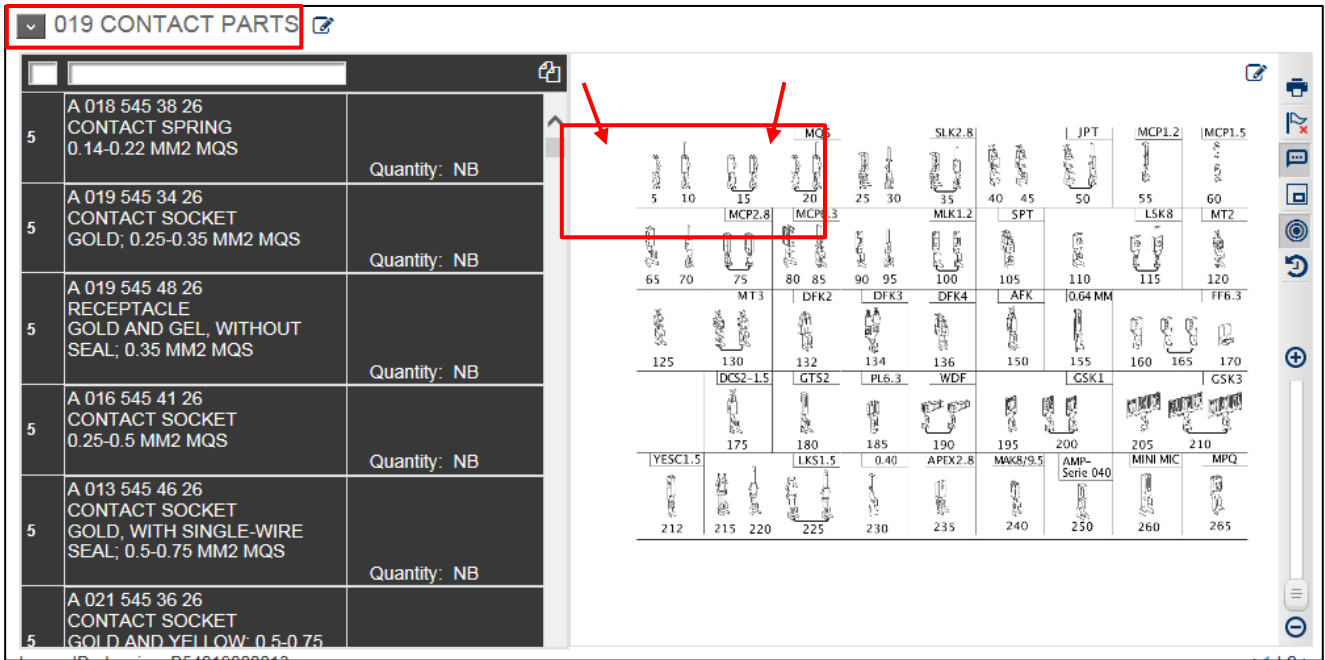


Figure 126 "CONTACTING PARTS SUBGROUP"

4. The contact type "MQS" identified via the plug housing narrows down the selection. Within the contact type, the correct contact should be selected based on the technical circumstances and picture illustration.

Note: Repair cables (pigtailes) are identified by a connecting line. Pay attention to the picture illustration.

7. Where can I find general repair materials for wiring harness repairs?

General repair materials for wiring harness repairs, e.g. electric line sold by the meter, can be found in "Paints/operating fluids" mode.

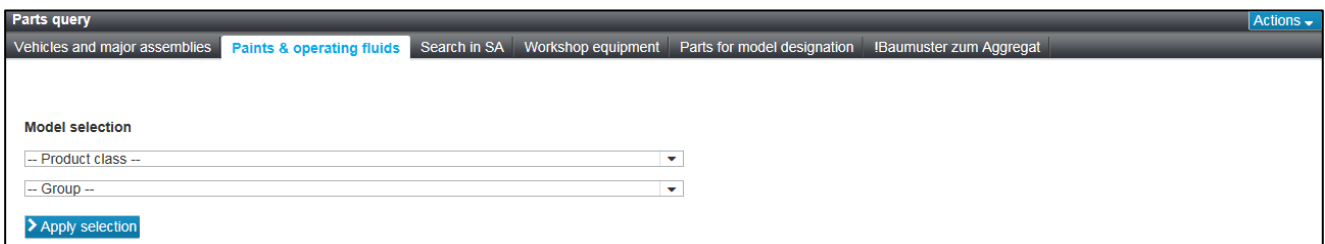


Figure 127 "Search for paints & operating fluids"

8. How do I identify the part numbers of the wiring harnesses available for a specific vehicle?

When identifying the part numbers for a wiring harness, please note that there may be several picture charts for a subgroup.

The first picture chart (here e.g. picture chart no. 6 of subgroup 545) generally contains the complete vehicle-specific wiring harness with the wiring harness connectors, e.g. for model series 204:

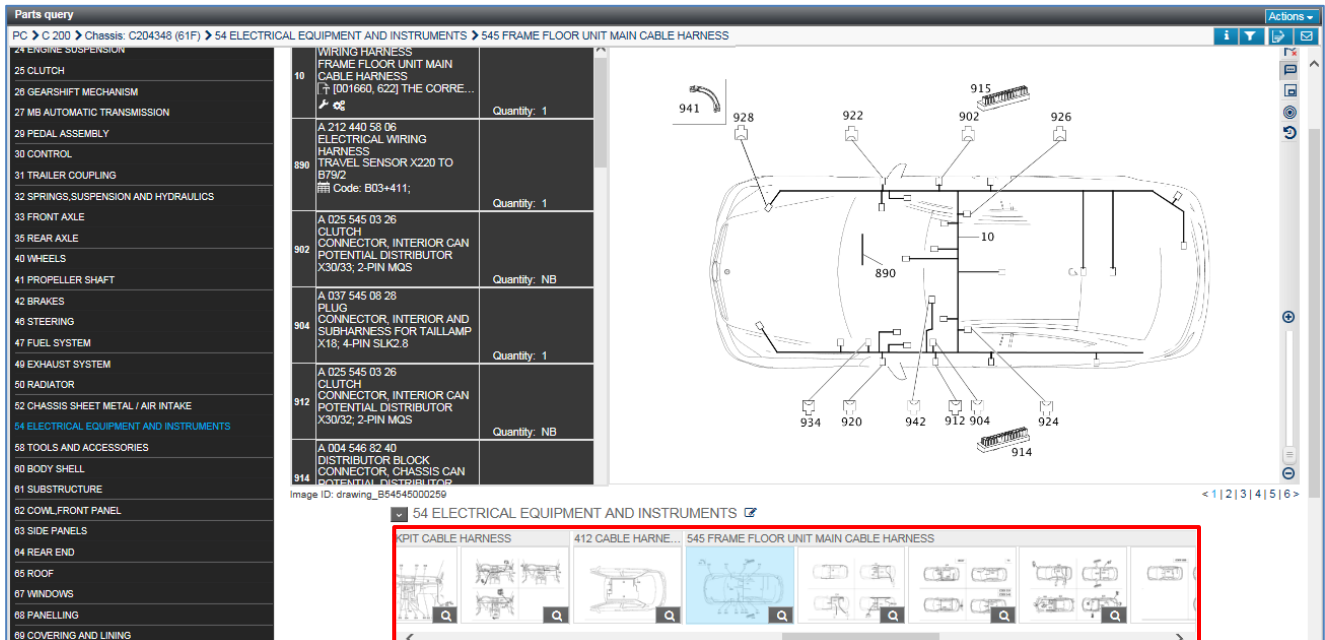


Figure 128 "Vehicle-specific wiring harness assemblies"

The preceding picture charts show parts scopes (individual modules) of the complete wiring harness e.g. the wiring harness modules for speakers, AUX jack etc.

Note: It is possible to navigate quickly between the picture charts of the subgroup using the left/right arrow buttons of the keyboard.

Note: Pay particular attention to the structure level, supplementary text and any symbols on the picture charts.

9. How can part numbers for vehicle operating instructions be identified?

Vehicle operating instructions can generally be found in the following groups within the Parts Information group structure:

In Group 58 - Tools and Accessories and then in the corresponding subgroup there e.g. 300.

For accessories and special equipment - in the respective group of the accessories or special equipment.

Alternatively, vehicle operating instructions can also be identified using the **Search - Part with vehicle data** function **based on the designation**. Here, it is important to use the correct search term. The search term can consist e.g. of part of the term being searched for.

10. How can I search for parts using wild cards (* or ?)?

Part numbers are structured according to certain rules. Wildcards (* or ?) can be used for part searches while taking these rules into account. The part search is started with **Search** in the menu bar.

Example:



Figure 129 "Search field of menu bar"

- The **wildcard *** replaces an arbitrary number of characters.
- The **wildcard ?** replaces exactly one character.
- The wildcards can be combined freely.
- If the search term consists of two few fixed digits and/or if the quantity of results from the search term is too large, this is indicated by a notification window.

11.2 Filtering

1. What do the 4-digit equipment codes mean and how do they influence part searches?

The 4-digit equipment codes precisely define color/equipment-dependent parts. They currently apply to passenger car model series as of mid-1998.

The 4-digit codes provide a significant improvement in parts identification in combination with color code information.

If the data card contains a 4-digit equipment code, only the single valid part item is displayed during parts identification (with qualified search with a vehicle identification number).

2. How can I achieve more accurate search results using the filters?

To allow more accurate search results to be achieved, you must make sure that the expanded color filter and extended code analysis are activated in the setup. When you define a vehicle with the vehicle identification number, the filters in ISP Parts Information reduce the size of the parts list and generally supply a unique part for an item number.

- Expanded color filter:

Only the color parts for which an ES2 code can be found will be displayed.

- Extended code analysis:

With this filtering, the code rule on the part item is evaluated more accurately. Only the part with the highest result quota is displayed.

This filter function is available for the following model series of passenger cars, vans, and cross-country vehicles:	
All passenger car model series as of mid-1998 (as of model refinement package W210)	
BR 414	All
Model series 461	As of chassis end number 144791
Model series 463	As of chassis end number 144224
Model series 638	As of chassis end number 246706
BR 639	All
Model series 901- 905	As of chassis end number 337627
Model series 906	As of chassis end number 144224

Figure 130 "Extended code evaluation"

3. *What happens if the data filters is switched off during parts identification?*

If the data filter is switched off completely during parts identification, all of the part numbers of a subgroup or SA variant are then displayed in the parts list. ISP Parts Information checks the assignment to a model series or model designation in the background.

Irrespective of this test, all the eligible model designation types for each part are then shown.

4. *What should I do if filtering based on the vehicle card is not carried out for transmission models?*

Transmission models 711.653 / 654 / 655 / 656 / 670 were documented in a **different way** to the previous passenger car logic.

This becomes evident during parts identification if **filtering** based on the **vehicle data card is not carried out**. To access the parts associated with these transmission models, the transmission identification number must be taken from the vehicle data card and brought up via the identification number input field. The corresponding transmission parts of the aforementioned transmission models are then displayed.

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