

# ASSYST PLUS Maintenance Model Series 204

Service information brochure



Mercedes-Benz

# ASSYST PLUS Maintenance Model Series 204

Service information brochure

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## Instrument cluster

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Dear Reader,

This information brochure provides you with a thorough introduction to the ASSYST PLUS maintenance system and the new "fixed service intervals" maintenance strategy, using model series 204 as an example.

It should help you to familiarize yourself with this new maintenance system. This brochure is intended to provide information for people employed in service, maintenance and repair as well as for aftersales staff. It is assumed that you are already familiar with the Active Service System (ASSYST) of Mercedes-Benz, which has already been introduced.

The emphasis of this information brochure is on presenting the new and modified functions of the maintenance system as well as its use in the workshop.

This information brochure is not intended as an aid for repairs or for the diagnosis of technical problems. For such needs, more extensive information is available in the Workshop Information System (WIS) and in the Diagnosis Assistance System (DAS).

WIS is updated monthly. Therefore, the information available there reflects the latest technical status of our vehicles and systems.

This information brochure is only intended as an initial introduction to the ASSYST PLUS maintenance system with fixed service intervals and, as a result, is not stored in the WIS. The contents of this information brochure are not updated and no provision is made for supplements. We will publicize modifications and new features in the relevant WIS documents. The information presented in this information brochure may therefore differ from the more up-to-date information found in the WIS.

All of the information is valid as of the publication deadline in February 2007 and may therefore differ from the current production configuration.

Daimler AG

Technische Information/Werkstatteinrichtung (GSP/TI)

## New features and benefits

### New service concept with the launch of model series 204

The redesigned maintenance scopes which are being introduced for the first time with model series 204 will benefit workshops and customers right from the start.

The maintenance strategy is as follows:

- Fixed intervals of every 25,000 kilometers or once annually
- Service A and Service B always alternate
- As previously, additional operations are planned based on mileage

3 main changes have been made to the previous service concept:

- 1 The maintenance scopes of Service A and Service B have been reduced and they are now basic services that are limited to essential technical maintenance operations:
  - Service A: Reduced by 4 maintenance items
  - Service B: Reduced by 9 maintenance items
  - The work units for engine oil and oil filter changes are no longer shown separately on the invoice.
- 2 Introduction of the optional "PLUS package" which includes service operations that customers can perform themselves (e.g. checking and correcting tire inflation pressure) or, on the other hand, they may prefer that the workshop continues to perform these operations.

See page 13 for a detailed list.

- 3 Fixed intervals of every 25,000 kilometers or once annually with engine oils conforming to Mercedes-Benz Specifications for Operating Fluids:
  - Gasoline engines, sheet 229.5
  - Diesel engines, sheet 229.31/51



### New features

#### Instrument cluster

- Maintenance computer integrated into instrument cluster
- Introduction of a 2-digit service code used to determine the service scope
- Service code can be read by customer in instrument cluster
- Fixed service intervals
- Automatic service prompt in "days" or "km"
- Automatic reset of maintenance computer after 250 km
- Service items must no longer be confirmed individually

#### ServicePackagePricingSystem (SPPS)

- Aftersales system for working out and displaying the necessary maintenance scopes
- Required additional operations and the duration/cost of the service can be determined by entering the service code in the SPPS service management system

#### PLUS package

- Optional PLUS package
- New selection menu for PLUS package in WIS

#### Automatic transmission 722.6 (NAG I)

- One-off oil and filter change for vehicles with engines 271 and 646 EVO is now omitted

#### Operation items

- G 00 1154 0  
Perform Service A
- G 00 1155 0  
Perform Service B
- G 00 1157 0  
Perform Service A with PLUS package
- G 00 1158 0  
Perform Service B with PLUS package

### Customer benefits

- The maintenance costs for the basic service are reduced.
  - This provides customer satisfaction from a financial point of view.
- All essential technical operations are included in full as part of the basic service.
  - This strengthens trust.
- The defined service scopes for the basic service mean that working times and costs are already predetermined.
  - This increases transparency.
- The PLUS package consisting of convenient service operations that customers appreciate is optional.
  - This improves freedom of choice.
- Service dates are fixed and are no longer unpredictable.
  - This facilitates planning.
- Potential damage or defects can be detected earlier than before thanks to the annual check.
  - This ensures safety.

### Workshop benefits

- Customers visit the workshop at least once a year.
- The reduced basic service allows workshops to provide attractive pricing.
- The fixed intervals allow workshops to plan customer visits precisely.
- This planning ability allows workshops to prepare for each customer and his or her vehicle in detail.
- By actively selling the PLUS package, workshops have the opportunity to develop customer relationships in order to obtain additional business.

## Vehicle delivery

### Delivery inspection

The following points must be observed during the delivery inspection for passenger cars:

- Road safety/accessories
- Test drive
- Function and condition inspection (before, during and after test drive)
- Leaktightness and fluid levels
- Body

#### **i** Note

See the current OF forms in WIS for more information on the topic of "Delivery inspection for passenger cars".

### The first kilometers

On model series 204, the maintenance computer is automatically reset after the first 250 km. The mileage or time-based servicing scheme is not started until after this limit has been passed in order to ensure a full service interval.



P00.00-4015-50

**Model series 204**

## Service indicator

The following service information can be displayed in the multifunction display of the instrument cluster by ASSYST PLUS:

- Service interval/service code
- Remaining distance
- Remaining time
- Fault and warning messages

The display messages are highlighted underneath in color:

- White: Service information
- Red: Fault and warning messages

## Workshop display

The workshop menu can be called up in the instrument cluster.

See pages 26 and 27 for information on calling up the workshop menu.



**Service indicator**



**Workshop display**

## Workshop procedure

### Customer call

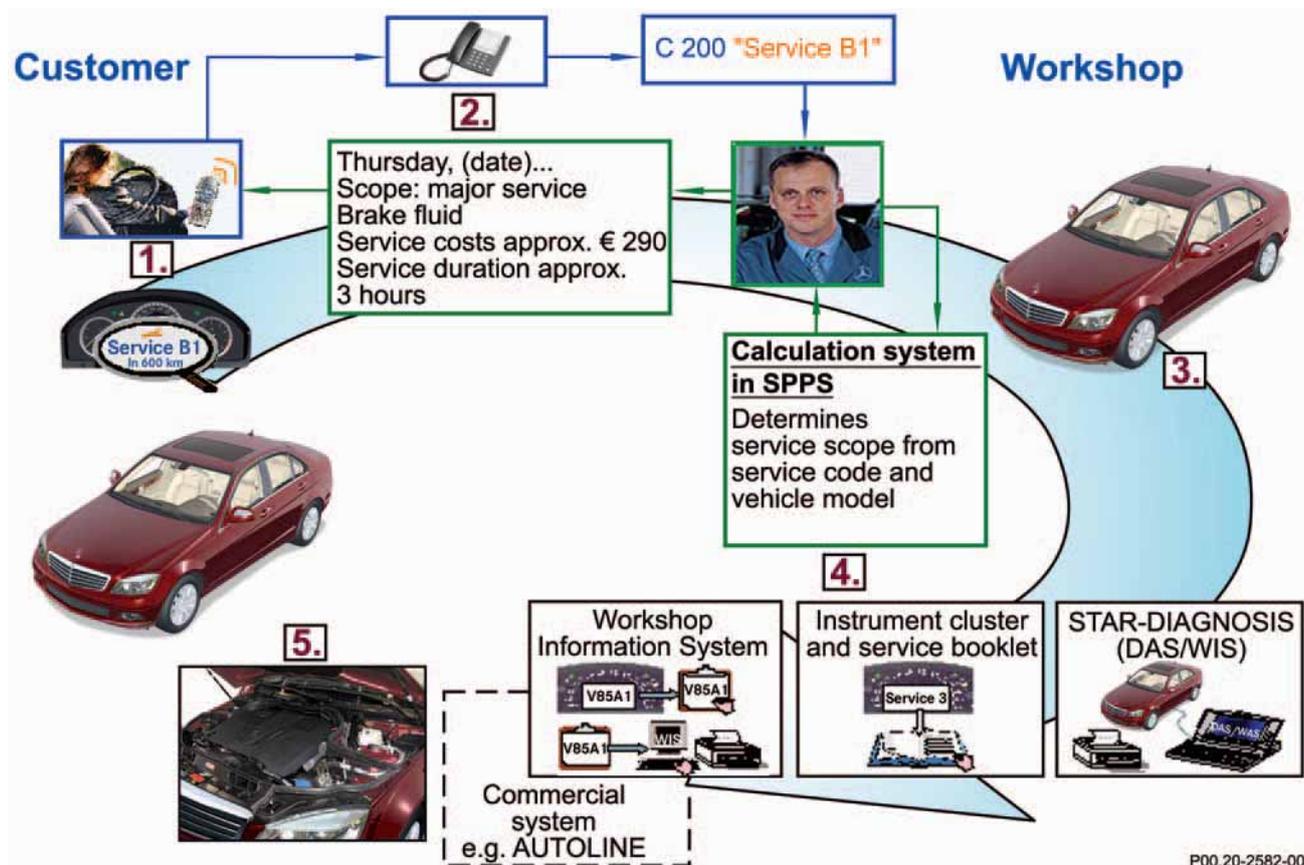
On model series 204, a service becomes due once the service interval is reached. This interval is based on **mileage** or **time** depending on the driving behavior.

The customer calls the workshop and states the **service code** after reading it out from the instrument cluster.

More precise information can be obtained by asking about service-relevant special equipment such as a trailer hitch or panoramic sliding sunroof. The customer can choose to have an optional additional package (**PLUS package**) carried out by the workshop.

Using this information, the employee can determine the service time and costs with the **SPPS** integrated service management system, inform the customer of these and agree a workshop appointment with the customer.

ServicePackagePricingSystem (SPPS), see page 14.



### Workshop procedure

- 1 Service prompt
- 2 Agree appointment
- 3 Determine time and costs

- 4 Determine service scope via Workshop Information System (WIS), STAR DIAGNOSIS, instrument cluster
- 5 Service performed in workshop

## Mileage-based or time-based servicing

### Customer reception in workshop

The customer brings his/her vehicle into the workshop.

a) The **workshop code** is displayed by accessing the workshop menu in the instrument cluster and then manually transferred to WIS.

Alternatively:

b) The workshop code is read out using STAR DIAGNOSIS and automatically transferred to WIS.

The **service scope** is then determined and appears on the vehicle-specific **service sheet**, which is created in WIS and can be printed out.

The service items are performed by the workshop and confirmed in the **service report** in the service booklet and in the maintenance computer of the vehicle.

### Mileage-based servicing

ASSYST PLUS computes service dates based on mileage if the kilometer interval for the service item is reached first due to customer driving behavior.

Example of mileage-based servicing:

- Interval 25 000 km/1 year
- Driving behavior of customer:  
120 km/day
- 25 000 km : 120 km = 166 days

ASSYST PLUS thus computes service dates based on mileage because the interval of 25,000 km that is assigned to the service item will be reached first.

### Time-based servicing

ASSYST PLUS computes service dates based on time if the time interval for the service item is reached first due to customer driving behavior.

Example of time-based servicing:

- Interval 25 000 km/1 year
- Driving behavior of customer:  
50 km/day
- 25 000 km : 50 km = 500 days

ASSYST PLUS thus computes service dates based on time because the interval of 1 year that is assigned to the service item will be reached first.

#### Note

The indicator for remaining distance or time in the display may switch between kilometers and time depending on the driving behavior of the customer.

## Service code

### Service code

A 2-digit service code which allows the service scope to be determined has been introduced for the first time with model series 204.

The first digit indicates whether the service is a minor or a major basic service.

- A = Service A = Minor basic service
- B = Service B = Major basic service

The second digit indicates that additional operations are due.

- 1st digit = only A or B
- 2nd digit = number or letter

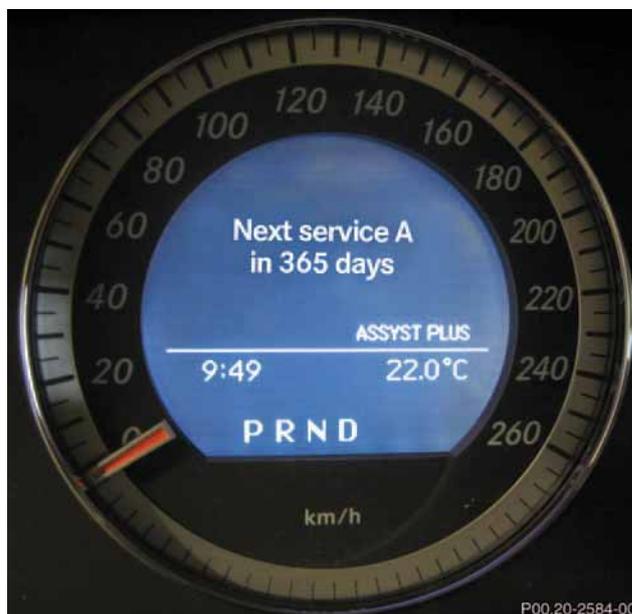
The scope of additional operations can be determined via SPPS using the number or digit.

Vehicle-specific special equipment such as a panoramic sliding sunroof or trailer hitch are not taken into account by the service code.

These service items, if present, are however stored in the workshop code.



*Service code (mileage-based servicing)*



*Service code (time-based servicing)*

## Basic service scopes and PLUS package

Maintenance procedures	Service A	Service B
	Gasoline/diesel	Gasoline/diesel
Engine - oil and filter change	X	X
Reset service indicator in instrument cluster	X	X
Brake system: Check fluid level, correct if necessary	X	X
Windshield washer system: Check fluid level, correct if necessary	X	X
Check brake linings for lining thickness	X	X
Brake testing on test stand	–	X
Check tires for damage and crack formation, measure depth of tread	–	X
Inspect all visible parts	–	X
Power steering: Check fluid level, correct if necessary	–	X
Replace combination filter	–	X
Check poly-V belt for wear	–	X
Check condition of flexible couplings	–	X
Check front axle ball joints for play, check rubber boots	–	X
<b>Optional for customer</b>	<b>PLUS package</b>	
Check windshield wipers, windshield washer system and headlamp cleaning system	X	X
Correct spare tire inflation pressure	X	X
TIREFIT tire repair kit: Check expiry date	X	X
Inspect wiper blades	X	X
Check trunk illumination	X	X
Check indicator lamps in instrument cluster and interior compart-	X	X
Check headlamp range adjustment	X	X
Check and correct headlamp adjustment	X	X

## ServicePackagePricingSystem (SPPS)

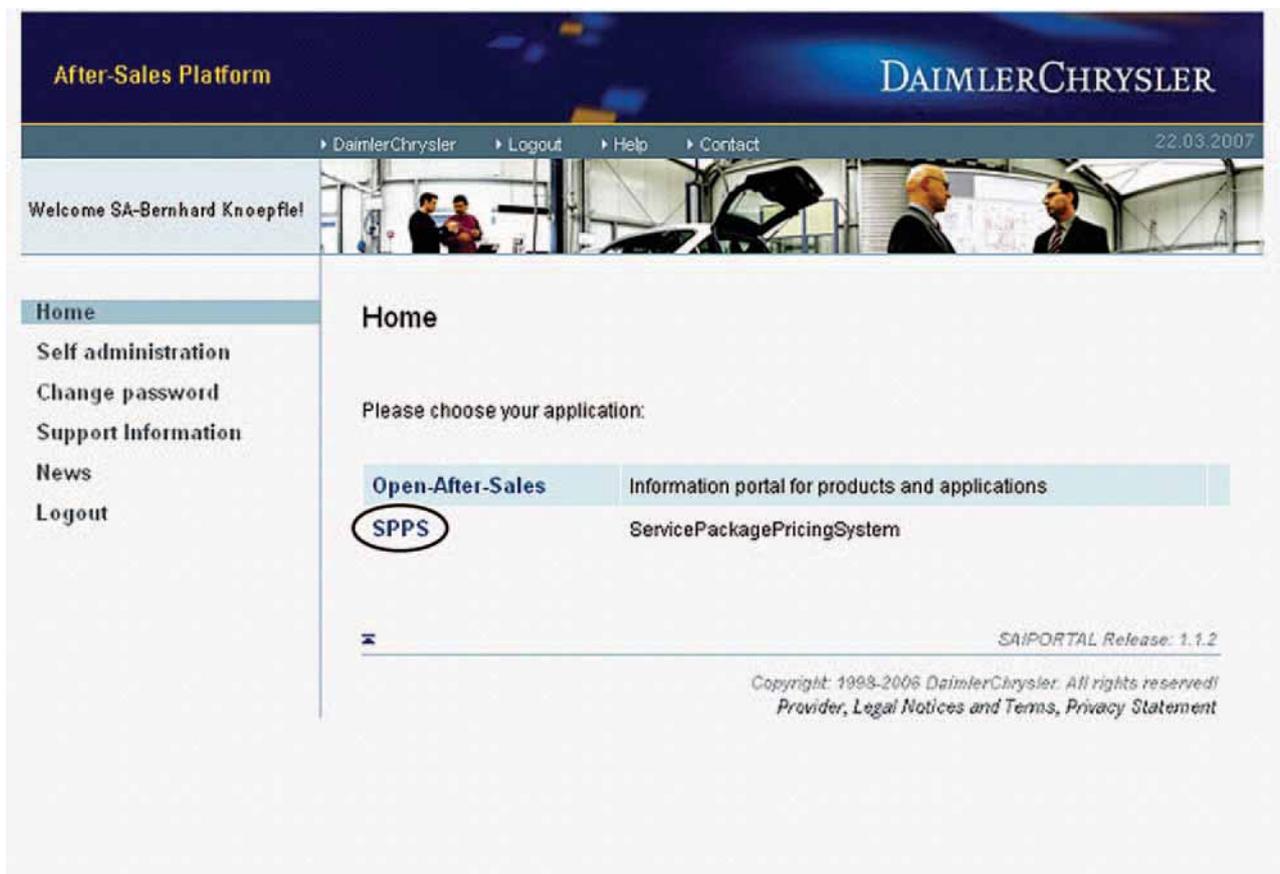
### Interpreting the service code

On the aftersales platform, it is possible to find out the meaning of the service code in the service management system of SPPS (ServicePackagePricingSystem). SPPS can be used to inform the customer about the expected time and cost of the upcoming service visit. The SPPS system is currently in use in selected European markets.

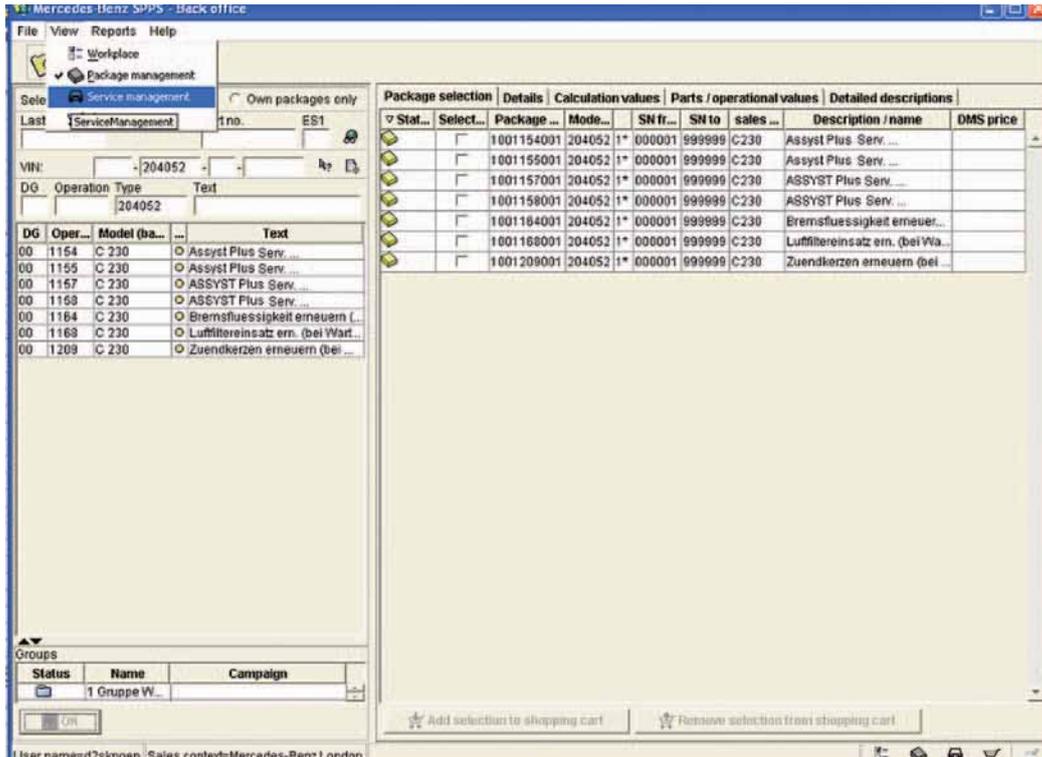
The evaluation system is integrated in SPPS. After the service code is entered into the evaluation system, the system outputs the service items for the upcoming maintenance. SPPS is networked with other DC systems, such as the vehicle documentation system (FDOK), to ensure that individual service items that cannot appear on certain models (gasoline/diesel, SA) are not included.

Service-relevant special equipment must be determined by the customer service advisor when the service code is entered.

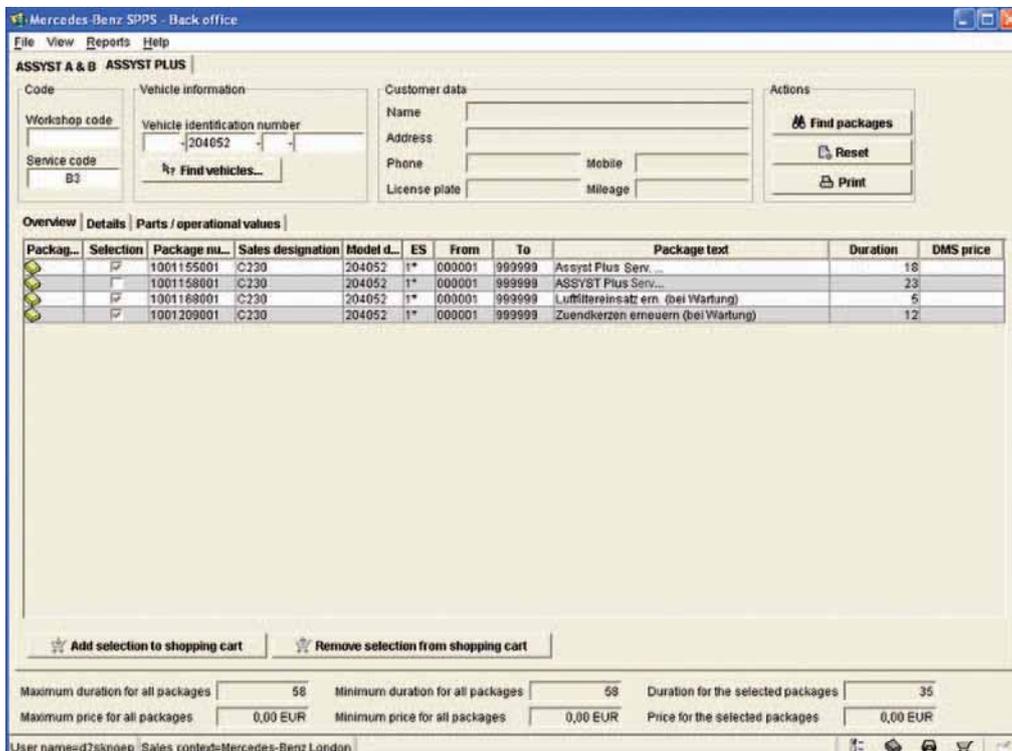
If the workshop code with the complete vehicle identification number (VIN) is entered, service-relevant special equipment is also included.



**SPPS access window**



Entry screen (example)  
(the evaluation system is found under "View - Service administration")



Entry screen (example)  
(the work units and costs are displayed via "Search for packages" after the vehicle data is entered (model or VIN, service code or workshop code).

## Workshop code

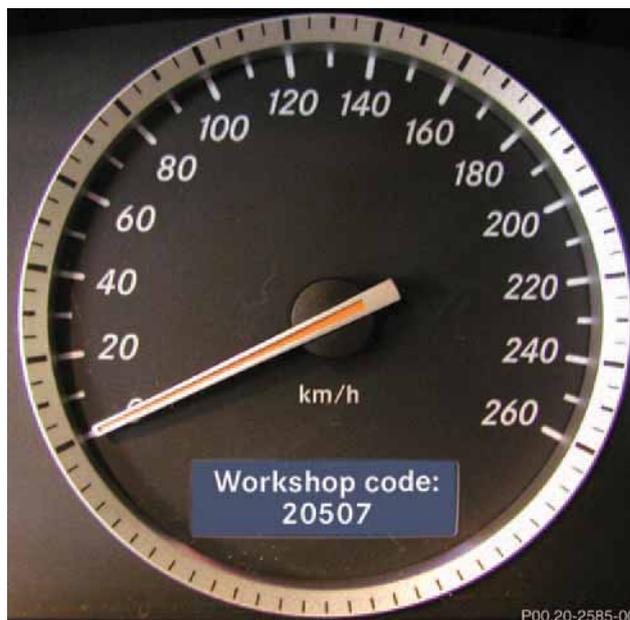
### Reading out the workshop code

The workshop code is stored in the maintenance computer and is read out by the customer service advisor via the instrument cluster or STAR DIAGNOSIS. The customer has no access to this workshop code.

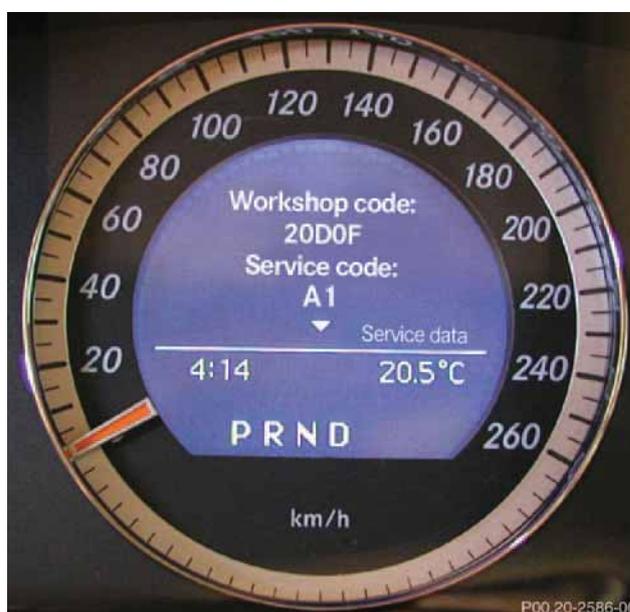
The workshop code contains all vehicle-specific service items which currently need to be performed on the vehicle, depending on mileage, time and equipment.

The workshop code can have 2 to 6 digits. It consists of numbers and/or letters.

The workshop code is required to produce a vehicle-specific service sheet in WIS.



**Workshop code**  
(multifunction steering wheel, 4 buttons)

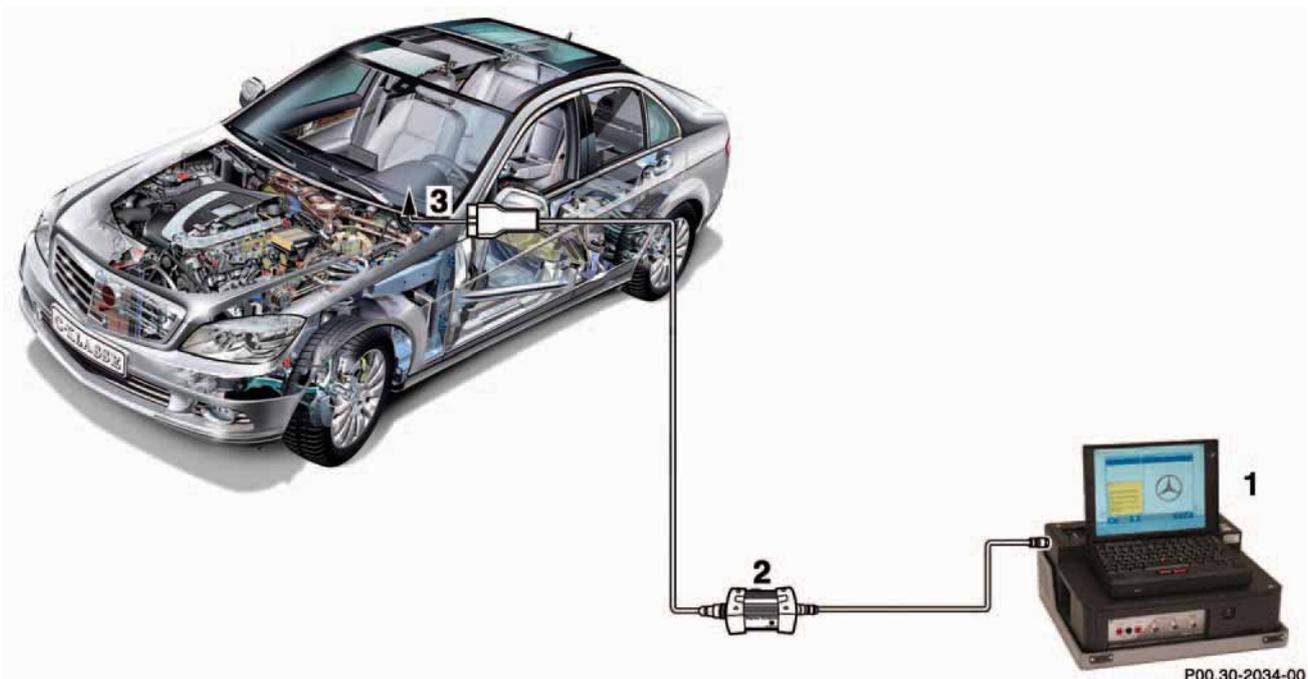


**Workshop code**  
(comfort multifunction steering wheel, 12 buttons)

### Determining the service scope

The service scope can be determined in 3 different ways:

- The workshop code can be read out via the instrument cluster and entered directly into the Workshop Information System (WIS). A vehicle-specific service sheet can then be printed out automatically.
- The service operation can also access the ASSYST PLUS data via STAR DIAGNOSIS. ASSYST PLUS is switched to the diagnosis state for this purpose.
- The workshop menu can be accessed via the instrument cluster. The individual service items are listed in the "Items" submenu. The service item procedures can then be determined using the information in the service booklet.



#### STAR DIAGNOSIS

- 1 STAR DIAGNOSIS
- 2 Diagnosis multiplexer
- 3 Transfer to ASSYST PLUS

## Service scope

### Service history

The service workshop can obtain all of the information required for the upcoming service from the ASSYST PLUS system. Generally, this is performed via the instrument cluster or via the diagnostic interface using a diagnostic unit.

A maximum of 50 service confirmations can be entered in the service memory. A fault code is stored in the instrument cluster as of the 47th confirmation. This can be read out using DAS. The service memory data must be read out and erased. The data that was read out must be printed out and enclosed with the service booklet.

Confirmations and back-ups	Instrument cluster	STAR DIAGNOSIS
Confirmation of service performed	X	X
Reversal of accidental confirmation	—	X
Data entry of service-relevant retrofits	—	X
Reading out the service memory	—	X
Back-up and transmission of all relevant data to new control unit when instrument cluster replaced	—	X

## Vehicle-specific service sheet

After the workshop code has been entered in the Workshop Information System (WIS), a vehicle-specific service sheet is compiled automatically.

The service sheet lists the service items to be completed as well as any additional operations required. It is no longer necessary to conduct a query for additional operations. Once the service has been completed, the work that was carried out is logged in the instrument cluster and the corresponding data in ASSYST PLUS are reset. A new service interval starts at this point.

Since the service sheets are created by WIS, preprinted service sheets will no longer be provided by the sales organization.

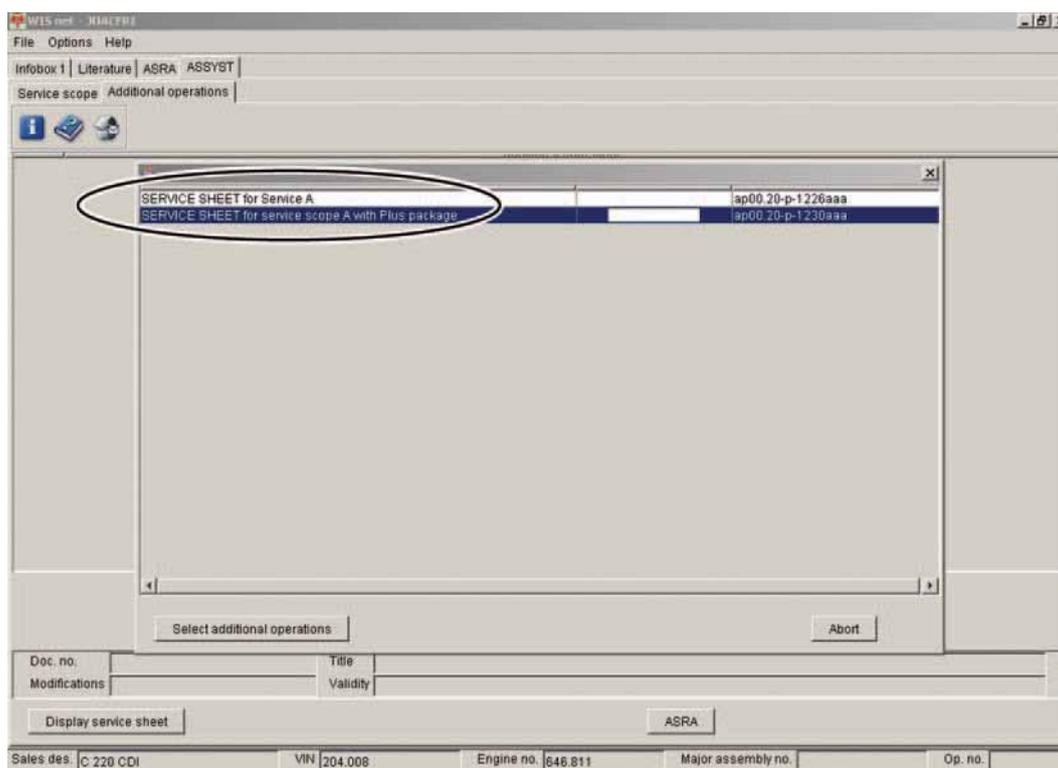
The screenshot shows the WIS net - JOACFR1 software interface. The window title is "WIS net - JOACFR1". The menu bar includes "File", "Options", and "Help". Below the menu bar, there are tabs for "Infobox 1", "Literature", "ASRA", and "ASSYST". The "Service scope" tab is selected, and "Additional operations" is also visible. The interface contains several sections:

- Specify service scope for vehicles:** Includes radio buttons for "Without service scope display", "With service scope display", and "With ASSYST PLUS".
- Service scope display:** Contains input fields for "Current km" (20234), "Service code", "Workshop code" (505), "Customer", "Order number", "Service foreperson", "Completion date" (19.03.2007), "Oil type/viscosity", and "Customer interview performed" (Yes/No).
- Notes:** A large text area for entering notes.
- Specify service scope:** Includes radio buttons for "First service", "Last service", "Service A", and "Service B at (km)".
- New service scope:** Includes radio buttons for "Service A" and "Service B", with a note: "(The new service scope is determined automatically)".
- Continue:** A button at the bottom of the form.

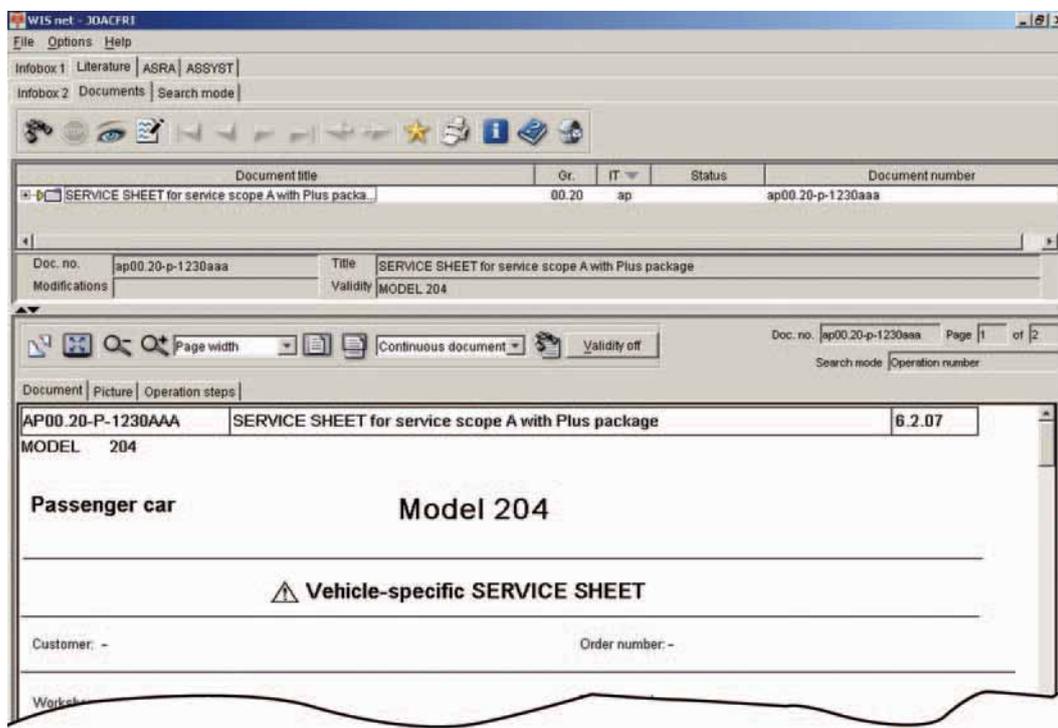
At the bottom of the window, there is a status bar with the following information: Sales des. C 220 CDI, VIN 204.008, Engine no. 646.811, Major assembly no., and Op. no.

### Entry of vehicle data for vehicle-specific service sheet

## Service sheet



*New selection menu for basic service or PLUS package*



*Display of vehicle-specific service sheet*



### Confirming the service report

The service report in the service booklet must be fully filled out for each service. The report confirms which service operations were performed. The service booklet must remain in the vehicle.

**i Note**

Confirmation of brake lining replacement has been added to the service report.

### Service reports

<input type="text"/> Vehicle identification number		<b>ASSYST PLUS</b>		<input type="text"/> Workshop code	
<input type="text"/> Date	<input type="text"/> Odometer reading			<input type="text"/> Remaining time	days
<input type="text"/> Repair job no.				<input type="text"/> Remaining distance	km

MobiloLife:	Yes	No	Replaced/renewed:	Yes	No	Yes	No	
Mobility	<input type="checkbox"/>	<input type="checkbox"/>	Engine oil	<input type="checkbox"/>	<input type="checkbox"/>	Fuel filter	<input type="checkbox"/>	<input type="checkbox"/>
Warranty against rusting through (until the next service due)	<input type="checkbox"/>	<input type="checkbox"/>	Combination filter	<input type="checkbox"/>	<input type="checkbox"/>	Brake fluid	<input type="checkbox"/>	<input type="checkbox"/>
			Air filter element	<input type="checkbox"/>	<input type="checkbox"/>	Coolant	<input type="checkbox"/>	<input type="checkbox"/>
			Brake pads, front axle	<input type="checkbox"/>	<input type="checkbox"/>	Spark plugs	<input type="checkbox"/>	<input type="checkbox"/>
			Brake pads, rear axle	<input type="checkbox"/>	<input type="checkbox"/>			
			Oil change and filter replacement	<input type="checkbox"/>	<input type="checkbox"/>			
			Automatic transmission					
<input type="text"/> Signature / stamp of Mercedes-Benz Service Centre			Engine oil brand / viscosity	<input type="text"/>				
			Automatic transmission oil brand / viscosity	<input type="text"/>				

### Service report

## Service overview

### Service scopes

The service overview contains the minor and major basic service and all additional operations.

The maintenance procedures of the various service scopes are issued once and have been binding world-wide since model series 171 and for all subsequent model series.

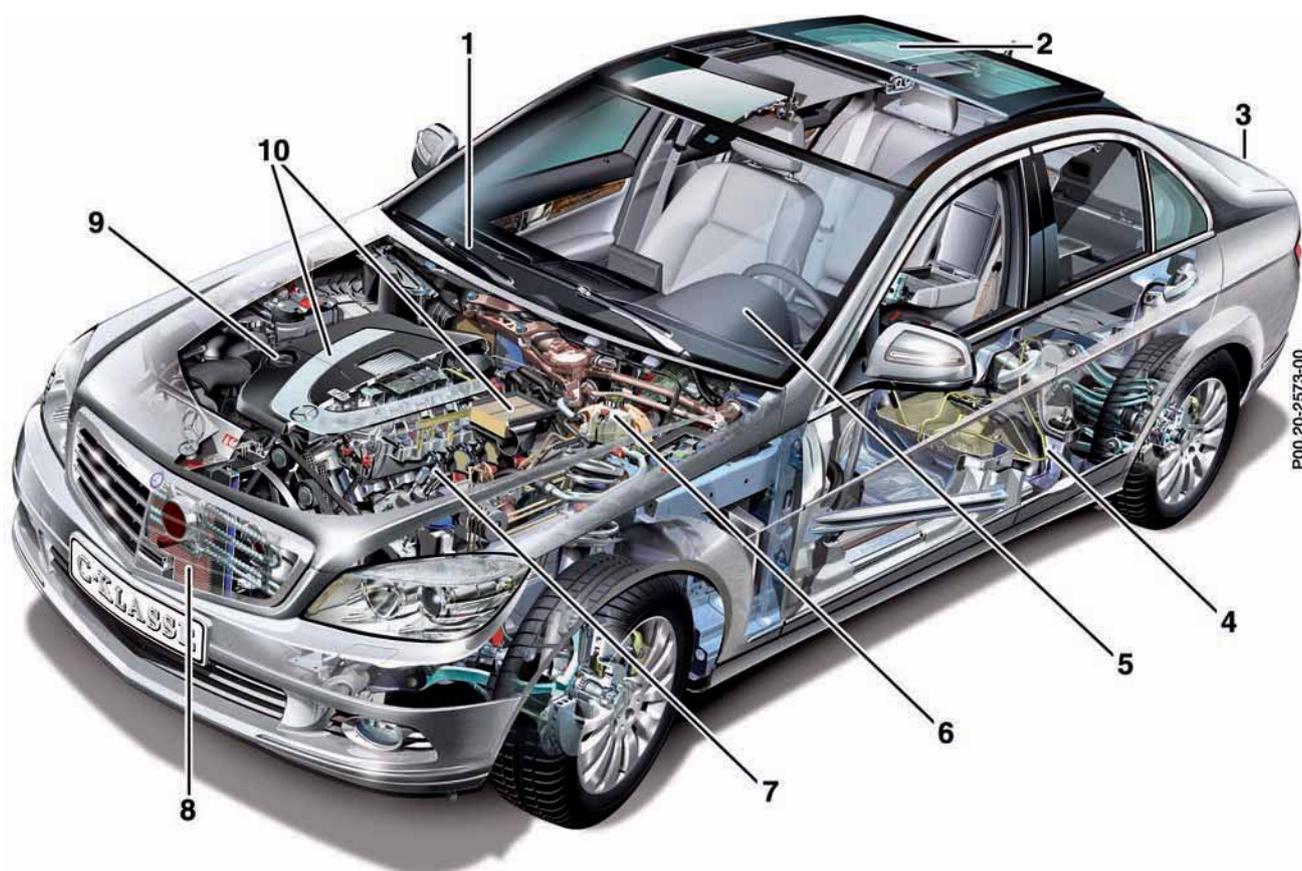
The advantage of this is that the various services now contain the same procedures for all model series throughout the world.

Every service technician in the world is therefore familiar with the defined service procedures:

- Service 3: Engine oil change
- Service 4: Brake fluid
- Service 8: Air filter element

The service procedures may vary from country to country only for Service A (minor basic service) and Service B (major basic service).

Each service may only contain one service item (with the exception of Service A and B).



#### Location of service-relevant components

- |  |                       |
|--|-----------------------|
| 1 Dust or combination filter                               | 6 Brake fluid         |
| 2 Panoramic sliding sunroof                                | 7 Spark plugs         |
| 3 Trailer hitch  | 8 Coolant             |
| 4 Fuel filter (gasoline)                                   | 9 Engine oil          |
| 5 Instrument cluster with ASSYST PLUS maintenance computer | 10 Air filter element |

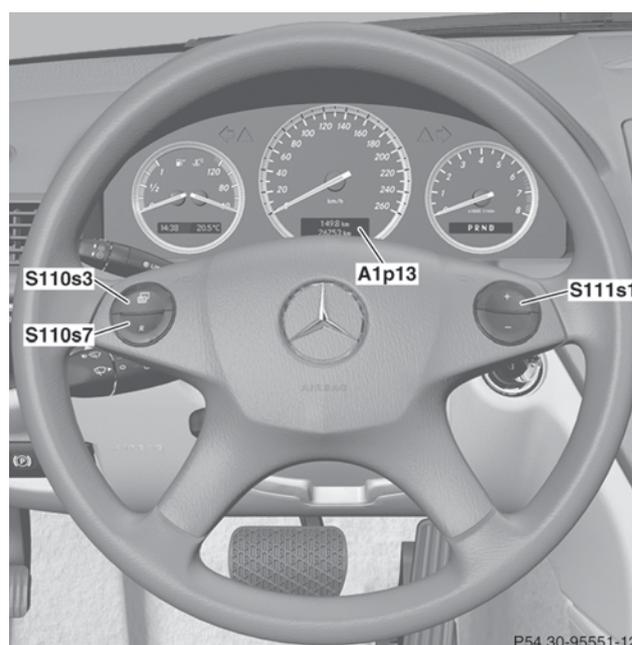
Service overview		
Service scope	Model 204	Service content
Service 1	X = Service A	Minor basic service
Service 2	X = Service B	Major basic service
Service 3	X	Engine: oil and filter change
Service 4	X	Brake fluid
Service 5	–	Combination filter
Service 6	–	Dust filter (integrated in Service B)
Service 7	–	Activated charcoal filter
Service 8	X	Air filter element
Service 9	–	Tilting/sliding roof
Service 10	X	Panoramic sliding sunroof
Service 11	X	Fuel filter
Service 12	X	Spark plugs
Service 13	X	Coolant
Service 14	–	Main coolant circuit
Service 15	X	Trailer hitch
Service 16	–	Parking brake
Service 17	–	Emergency call system battery
Service 18	–	Brake algorithm
Service 19	–	Diesel particulate filter
Service 20	X	Automatic transmission: oil and filter change (only transmission 722.9 (NAG II))

## Operating information

### Instrument cluster with multifunction steering wheel (4 buttons)

The instrument cluster (A1) can be operated using the left multifunction steering wheel button group (S110) and right multifunction steering wheel button group (S111):

- The system selection button (S110s3) can be used to scroll between the different menu levels.
- The Reset and Back button (S110s7) can be used to select the respective submenu or scroll in various lists. The desired selection or setting can be confirmed by actuating the Reset and Back button.
- Buttons + and - for setting specific functions and volume control (S111s1) can be used to set the time and date.



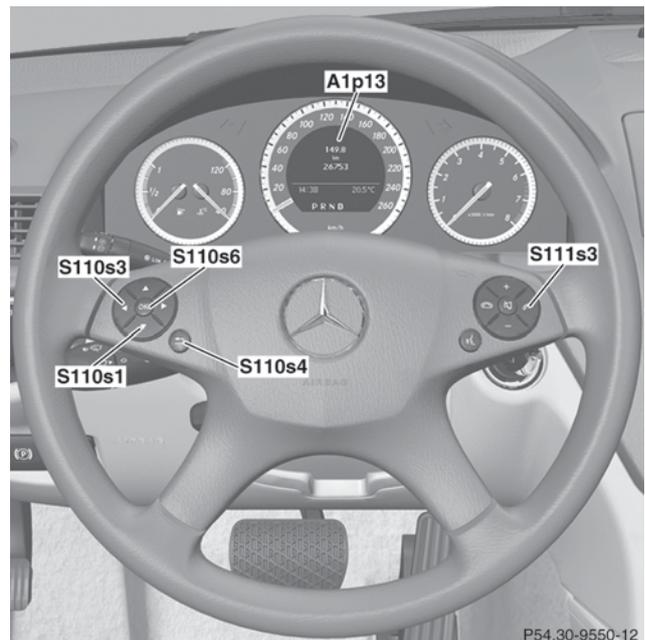
#### **Multifunction steering wheel (4 buttons)**

- A1p13 Multifunction display  
 S110s3 System selection button  
 S110s7 Reset and Back button (button R)  
 S111s1 Buttons + and - for setting specific functions and volume control (button +)

## Instrument cluster with comfort multifunction steering wheel (12 buttons)

The instrument cluster (A1) can be operated using the left multifunction steering wheel button group (S110) and right multifunction steering wheel button group (S111):

- The scroll forward/back button (S110s1) can be used to scroll between the respective menus and submenus and in various lists.
- The Back and voice control system OFF button (S110s4) can be used to switch from the respective menus and submenus to the next menu level up.
- The OK button (S110s6) can be used to confirm the respective selection or any current messages.



### **Comfort multifunction steering wheel (12 buttons)**

- A1p13** Multifunction display
- S110s1** Scroll forward/back button  
(scroll forward button)
- S110s3** System selection button
- S110s4** Back and voice control system OFF button  
(back button)
- S110s6** OK button
- S111s3** Accept/terminate phone call button  
(accept phone call button)

## Reading out the workshop code

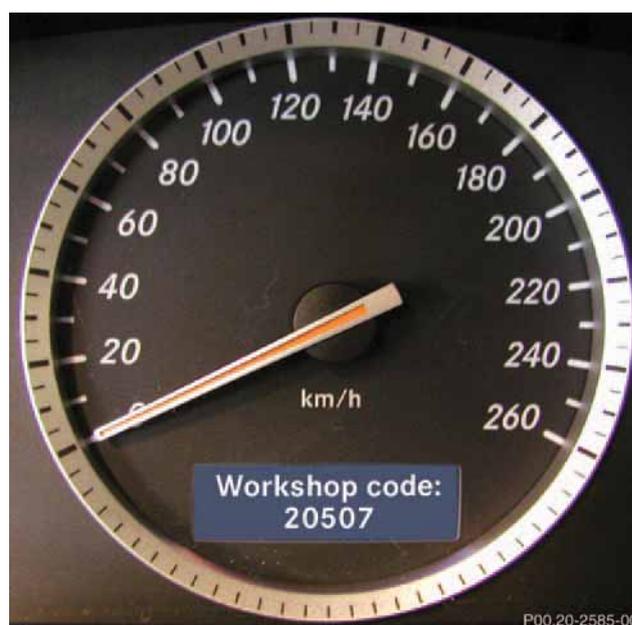
### Multifunction steering wheel (4 buttons)

#### Calling up the workshop menu

- 1 Turn the key in the ignition lock to position 1.
  - The standard display (kilometer counter) must appear in the multifunction display (A1p13), if necessary press the system selection button (S110s3) repeatedly.
- 2 First press button R (S110s7) and keep pressed, then also press button + (S111s1) within a second and keep pressed.
  - Keep both buttons (S110s7, S111s1) pressed for approx. 5 s: The voltage indicator appears in the multifunction display (A1p13).
- 3 Press the system selection button (S110s3).
  - "ASSYST PLUS" appears in the multifunction display (A1p13).
- 8 Note the service code.
  - The workshop code is needed for dynamic maintenance (ASSYST PLUS) in the WIS.
- 9 Press the system selection button (S110s3).
  - The remaining time and remaining distance appear in the multifunction display (A1p13), note if necessary.
- 10 Press the system selection button (S110s3) repeatedly until the standard display (kilometer counter) appears in the multifunction display (A1p13).
- 11 Turn the key in the ignition lock to position 0.

#### Reading out the workshop code

- 4 Press button R (S110s7).
  - "Service data" appears in the multifunction display (A1p13).
- 5 Press button R (S110s7).
  - The workshop code (e.g. 20507) appears in the multifunction display (A1p13) (see picture).
- 6 Note the workshop code.
  - The workshop code is needed for dynamic maintenance (ASSYST PLUS) in the WIS.
- 7 Press the system selection button (S110s3).
  - The service code (e.g. A1) appears in the multifunction display (A1p13).



**Display message**  
(multifunction steering wheel, 4 buttons)

### Comfort multifunction steering wheel (12 buttons)

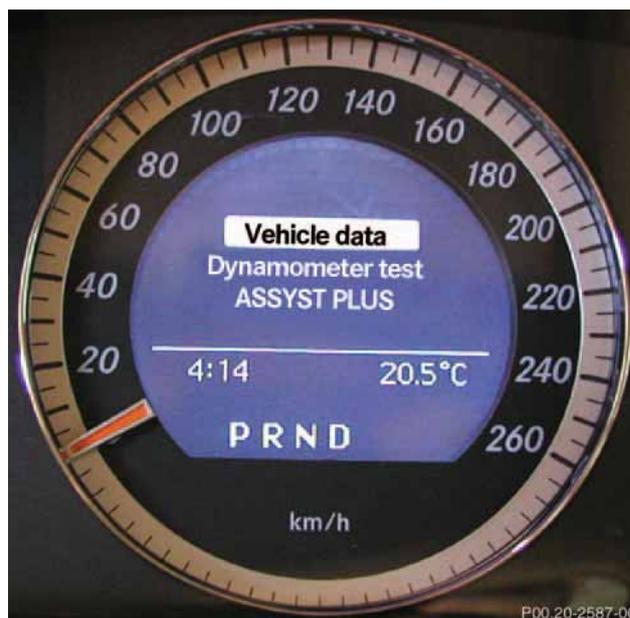
#### Calling up the workshop menu

- 1 Turn the key in the ignition lock to position 1.
  - The standard display (kilometer counter) must appear in the multifunction display (A1p13), if necessary press the scroll forward button (S110s1) repeatedly.
- 2 Press the system selection button (S110s3) repeatedly until the menu item "Trip" is highlighted in the multifunction display (A1p13).
  - "Trip" remains selected for approx. 5 s. Operation step 3 must be carried out within this time.
- 3 Press the Accept phone call button (S111s3) first and keep pressed, then within a second also press and the OK button (S110s6) and keep pressed.
  - Keep both buttons (S111s3, S110s6) pressed for approx. 5 s: The workshop menu appears in the multifunction display (A1p13) with the options "Vehicle data", "Dynamometer test" and "ASSYST PLUS" (see picture).

#### Reading out the workshop code

- 4 Press the scroll forward button (S110s1) repeatedly until "ASSYST PLUS" is highlighted and confirm selection with the OK button (S110s6).
  - The options "Service data" and "Full service" appear in the multifunction display (A1p13).
- 5 Confirm selection "Service data" with OK button (S110s6).
  - The workshop code (e.g. 20D0F) and service code (e.g. A1) appear in the multifunction display (A1p13).

- 6 Note the workshop code and service code.
  - The codes are required for dynamic maintenance (ASSYST PLUS) in the Workshop Information System (WIS).
- 7 If necessary, press the scroll forward button (S110s1) and note the remaining time and remaining distance.
- 8 Press the back button (S110s4) repeatedly until the standard display (kilometer counter) appears in the multifunction display (A1p13).
- 9 Turn the key in the ignition lock to position 0.



**Display message**  
(comfort multifunction steering wheel, 12 buttons)

## Resetting the service indicator

### Multifunction steering wheel (4 buttons)

#### Calling up the workshop menu

- 1 Turn the key in the ignition lock to position 1.
  - The standard display (kilometer counter) must appear in the multifunction display (A1p13), if necessary press the system selection button (S110s3) repeatedly.
- 2 First press button R (S110s7) and keep pressed, then also press button + (S111s1) within a second and keep pressed.
  - Keep both buttons (S110s7, S111s1) pressed for approx. 5 s: The voltage indicator appears in the multifunction display (A1p13).
- 3 Press the system selection button (S110s3).
  - "ASSYST PLUS" appears in the multifunction display (A1p13) (see picture).

#### Reading out the workshop menu

- 4 Press button R (S110s7).
  - "Service data" appears in the multifunction display (A1p13).
- 5 Press the system selection button (S110s3).
  - "Full service" appears in the multifunction display (A1p13).
- 6 Press button R (S110s7).
  - The current service appears in the multifunction display (A1p13).
- 7 Press the system selection button (S110s3) repeatedly until "Confirm service?" appears in the multifunction display (A1p13).

- 8 Press button R (S110s7).
  - "Service completed?" appears in the multifunction display (A1p13).
- 9 Press button + (S111s1).
  - "No take-back!" appears in the multifunction display (A1p13).
- 10 Press button + (S111s1).
  - "Full service completed" appears in the multifunction display (A1p13).
- 11 Press the system selection button (S110s3) repeatedly until the standard display (kilometer counter) appears in the multifunction display (A1p13).



**Display message**  
(multifunction steering wheel, 4 buttons)

## Comfort multifunction steering wheel (12 buttons)

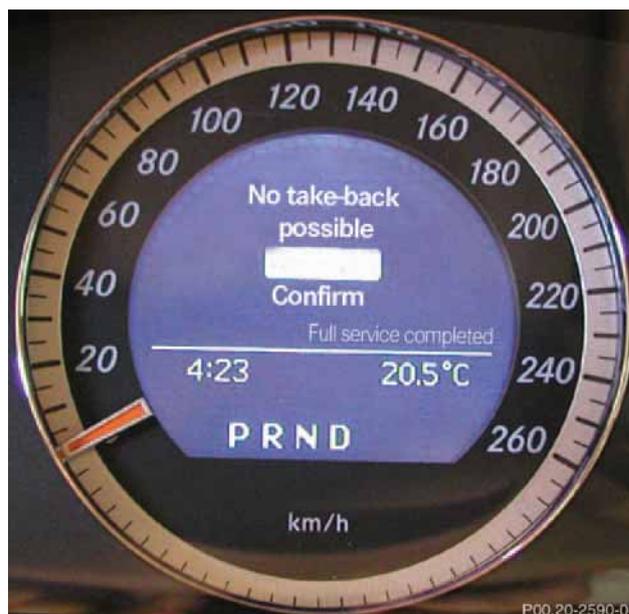
### Calling up the workshop menu

- 1 Turn the key in the ignition lock to position 1.
  - The standard display (kilometer counter) must appear in the multifunction display (A1p13), if necessary press the scroll forward button (S110s1) repeatedly.
- 2 Press the system selection button (S110s3) repeatedly until the menu item "Trip" is highlighted in the multifunction display (A1p13).
  - "Trip" remains selected for approx. 5 s. Operation step 3 must be carried out within this time.
- 3 Press the Accept phone call button (S111s3) first and keep pressed, then within a second also press and the OK button (S110s6) and keep pressed.
  - Keep both buttons (S111s3, S110s6) pressed for approx. 5 s: The workshop menu appears in the multifunction display (A1p13) with the options "Vehicle data", "Dynamometer test" and "ASSYST PLUS".

### Reading out the workshop menu

- 4 Press the scroll forward button (S110s1) repeatedly until "ASSYST PLUS" is highlighted and confirm selection with the OK button (S110s6).
  - The options "Service data" and "Full service" appear in the multifunction display (A1p13).
- 5 Press the scroll forward button (S110s1) to highlight "Full Service" and confirm the selection with the OK button (S110s6).
  - The current service items appear in the multifunction display (A1p13).
- 6 Press the scroll forward button (S110s1) repeatedly until "Confirm service" is highlighted and confirm selection with the OK button (S110s6).
  - "Service completed?" appears in the multifunction display (A1p13).

- 7 Press the scroll forward button (S110s1) until "Yes" is highlighted and confirm selection with the OK button (S110s6).
  - "No take-back possible" appears in the multifunction display (A1p13) (see picture).
- 8 Press the scroll forward button (S110s1) until "Confirm" is highlighted and confirm selection with the OK button (S110s6).
  - "Full service completed" appears in the multifunction display (A1p13).
- 9 Press the OK button (S110s6) and press the back button (S110s4) repeatedly until the standard display (kilometer counter) appears in the multifunction display (A1p13).
- 10 Turn the key in the ignition lock to position 0.



**Display message**  
(comfort multifunction steering wheel, 12 buttons)

## Display messages

### Service messages

There are defined service messages for the ASSYST PLUS service indicator in the instrument cluster.

These display messages inform the user about the status of the current service.

The defined service messages and their meanings are shown below.

Service message texts in multifunction display of instrument cluster	Event	Description
Next Service B in XXX km or in XXX days	The remaining distance or remaining time are above the service prompt limit	This appears in the service indicator display until the service prompt (in km) is reached and this display remains until the service prompt takes place.
Perform Service B	The remaining distance or remaining time has reached the service prompt limit in km or days.	This appears in the service indicator display after the service prompt limit in km or days has been reached or until service confirmation has been performed. This display remains until the remaining distance in km or remaining time in days has exceeded its overrun limit.
Service B due for XXX km or due for XXX days	The remaining distance is below the defined service prompt limit.	This appears in the service indicator display when the remaining distance has exceeded the service prompt limit. This display remains valid until the current service has been performed and the remaining distance thus corrected.

<b>A</b>		<b>O</b>	
Aftersales platform . . . . .	14	Operating information . . . . .	24
<b>B</b>		<b>R</b>	
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Customer reception . . . . .	11	Service booklet . . . . .	21
<b>D</b>		Service code . . . . .	12
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<b>F</b>		Service management . . . . .	14
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		Warning display . . . . .	9
		Workshop code . . . . .	16
		Workshop menu . . . . .	18
		Workshop procedure . . . . .	10