



Dynamic Wiring Diagram

Quick Guide

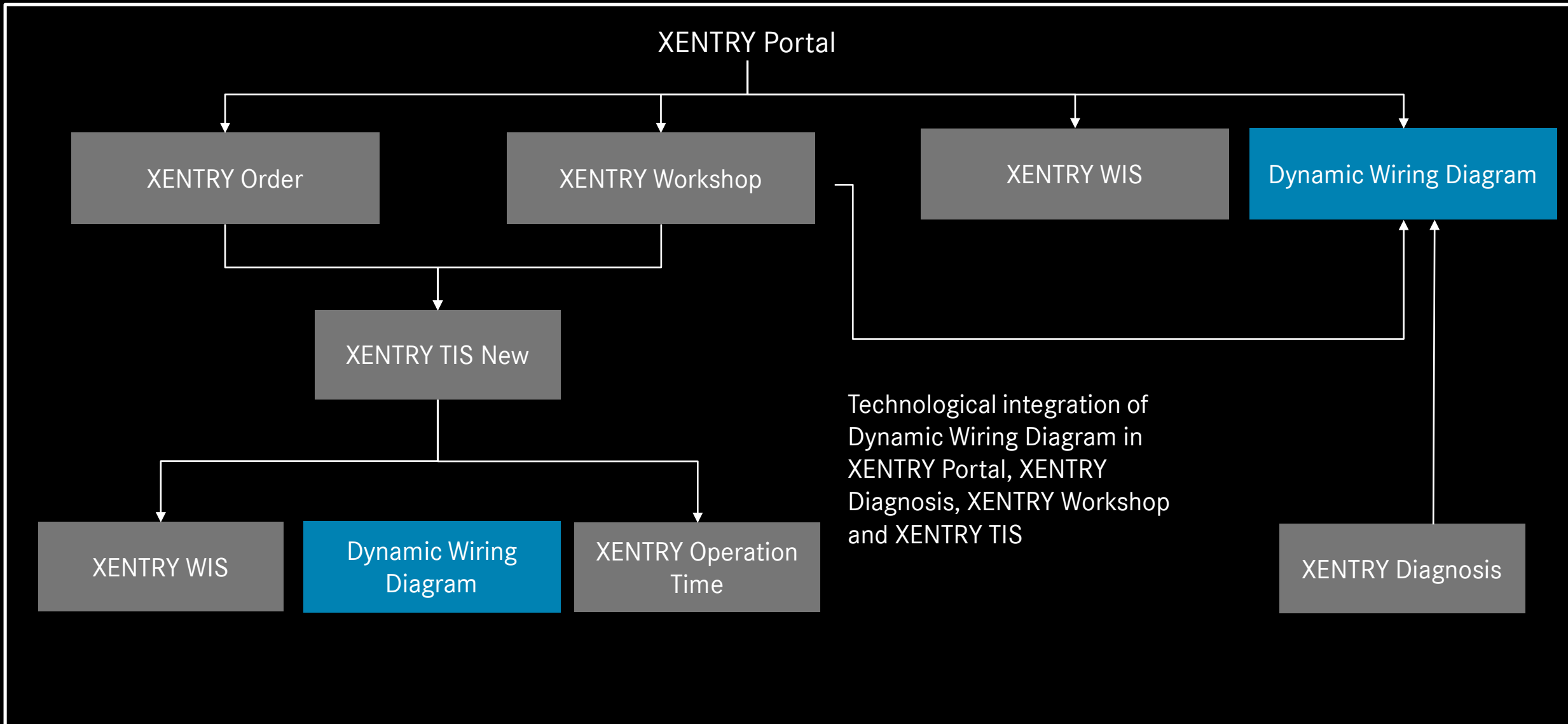
Product Management XENTRY WIS/DWD, GSP/ORE, June 2021

Mercedes-Benz
Das Beste oder nichts.



Overview Dynamic Wiring Diagram

Overview Dynamic Wiring Diagram



Overview Dynamic Wiring Diagram

VIN-specific display of circuit diagrams

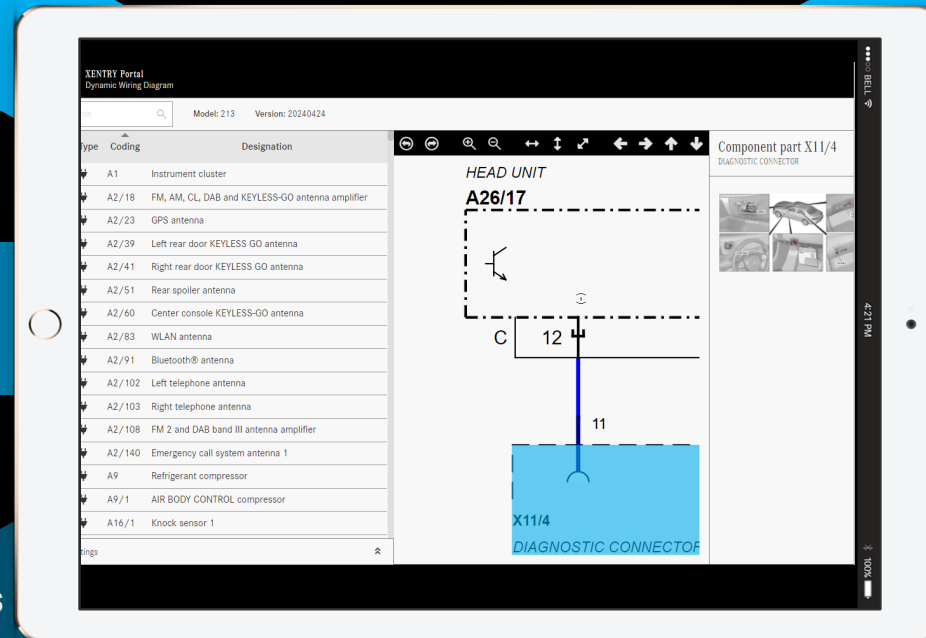
Targeted information search & paperless use

More information about components (e.g. Installation locations)

Targeted search and filter functions (e.g. component designations)

Usage on mobile devices

All current passenger car series are included



Dynamic Wiring Diagram

UseCase Dynamic Wiring Diagram

UseCase Dynamic Wiring Diagram

The screenshot shows the XENTRY Portal interface for Dynamic Wiring Diagram. At the top left, there is a Mercedes-Benz logo and the text "XENTRY Portal Dynamic Wiring Diagram". At the top right, there are icons for search, grid, and menu. The main content area has a white background with a yellow border. It contains a text prompt: "Please enter the vehicle identification number (VIN) for the vehicle:". Below this is a text input field with a magnifying glass icon on the left and a close icon on the right. The input field contains the placeholder text "Please enter a 17-character VIN.". Below the input field is a blue "Continue" button. At the bottom left, there is a copyright notice: "© 2021 Mercedes-Benz AG - Copyright". At the bottom right, there are links for "Provider", "Privacy settings", "Data protection", and "Legal notice".

Entering the vehicle identification number

With an integrated call of Dynamic Wiring Diagram (e.g. from XENTRY Workshop), the vehicle context is already transferred and does not have to be entered again.

UseCase Dynamic Wiring Diagram

The screenshot shows the XENTRY Portal interface for Dynamic Wiring Diagrams. The page title is "XENTRY Portal Dynamic Wiring Diagram". The model information is "Model: 213" and "Version: 20240424". A search bar is located at the top left. A table lists various control units and components, with columns for "Type", "Coding", and "Designation". A large orange box on the right contains the text "Please select a component part or control unit". A settings icon is located at the bottom right of the table area.

Text search box

Scrollable CONTROL units / components

Filter Control unit / component

Settings

Type	Coding	Designation
🔌	A1	Instrument cluster
🔌	A2/18	FM, AM, CL, DAB and KEYLESS-GO antenna amplifier
🔌	A2/23	GPS antenna
🔌	A2/39	Left rear door KEYLESS GO antenna
🔌	A2/41	Right rear door KEYLESS GO antenna
🔌	A2/51	Rear spoiler antenna
🔌	A2/60	Center console KEYLESS-GO antenna
🔌	A2/83	WLAN antenna
🔌	A2/91	Bluetooth® antenna
🔌	A2/102	Left telephone antenna
🔌	A2/103	Right telephone antenna
🔌	A2/108	FM 2 and DAB band III antenna amplifier
🔌	A2/140	Emergency call system antenna 1

Please select a component part or control unit

Settings

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UseCase Dynamic Wiring Diagram

Selection control unit / component

Navigation pane

Content area

XENTRY Portal
Dynamic Wiring Diagram

Model: 213 Version: 20240424

Type	Coding	Designation
🔌	A1	Instrument cluster
📺	A2/18	FM, AM, CL, DAB and KEYLESS-GO antenna amplifier
🔌	A2/23	GPS antenna
🔌	A2/39	Left rear door KEYLESS GO antenna
🔌	A2/41	Right rear door KEYLESS GO antenna
🔌	A2/51	Rear spoiler antenna
🔌	A2/60	Center console KEYLESS-GO antenna
🔌	A2/83	WLAN antenna
🔌	A2/91	Bluetooth® antenna
🔌	A2/102	Left telephone antenna
🔌	A2/103	Right telephone antenna
🔌	A2/108	FM 2 and DAB band III antenna amplifier
🔌	A2/140	Emergency call system antenna 1

Settings

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FM, AM, CL, DAB AND KEYLESS-GO ANTENNA AMPLIFIER

A2/18

FM1 S X

SHIELD

FM/AM S2 X2

SHIELD SIG

A26/17
HEAD UNIT

Forward/Back button

Zoom in/out

Scaling Page View

Page Shift

UseCase Dynamic Wiring Diagram

XENTRY Portal
Dynamic Wiring Diagram

A2 Model: 213 Version: 20240424

Type	Coding	Designation
	A2/18	FM, AM, CL, DAB and KEYLESS-GO antenna amplifier
	A2/23	GPS antenna
	A2/39	Left rear door KEYLESS GO antenna
	A2/41	Right rear door KEYLESS GO antenna
	A2/51	Rear spoiler antenna
	A2/60	Center console KEYLESS-GO antenna
	A2/83	WLAN antenna
	A2/91	Bluetooth® antenna
	A2/102	Left telephone antenna
	A2/103	Right telephone antenna
	A2/108	FM 2 and DAB band III antenna amplifier
	A2/140	Emergency call system antenna 1
	A26/17	Head unit

FM, AM, CL, DAB AND KEYLESS-GO ANTENNA AMPLIFIER
A2/18

HEAD UNIT
A26/17

Cable conductor

Component part	Connector	Pin	Gender
A2/18	FM1	S	Unknown
A26/17	FM/AM	S2	Unknown

Signal:	213_S_10250_2__SHIELD
Color:	SC
Diameter:	0.01
Coding:	

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Information Cable conductor

UseCase Dynamic Wiring Diagram

XENTRY Portal
Dynamic Wiring Diagram

Search Model: 213 Version: 20240424

Type	Coding	Designation
	E43/34	Left rear footwell illumination ambiance illumination (LED)
	E43/35	Right rear footwell illumination ambiance illumination (LED)
	F1/3	Passenger-side A-pillar fuse box
	F25/4	Compressor readback line terminal 30 additional fuse
	F32/3	Engine compartment prefuse box
	F32/4	Vehicle interior prefuse box
	G1	On-board electrical system battery
	G2	Alternator
	G3/3	Left oxygen sensor upstream of catalytic converter
	G3/4	Right oxygen sensor upstream of catalytic converter
	G3/5	Left oxygen sensor downstream of catalytic converter
	G3/6	Right oxygen sensor downstream of catalytic converter
	H2	Left front door

Component part F1/3
PASSENGER-SIDE A-PILLAR FUSE BOX

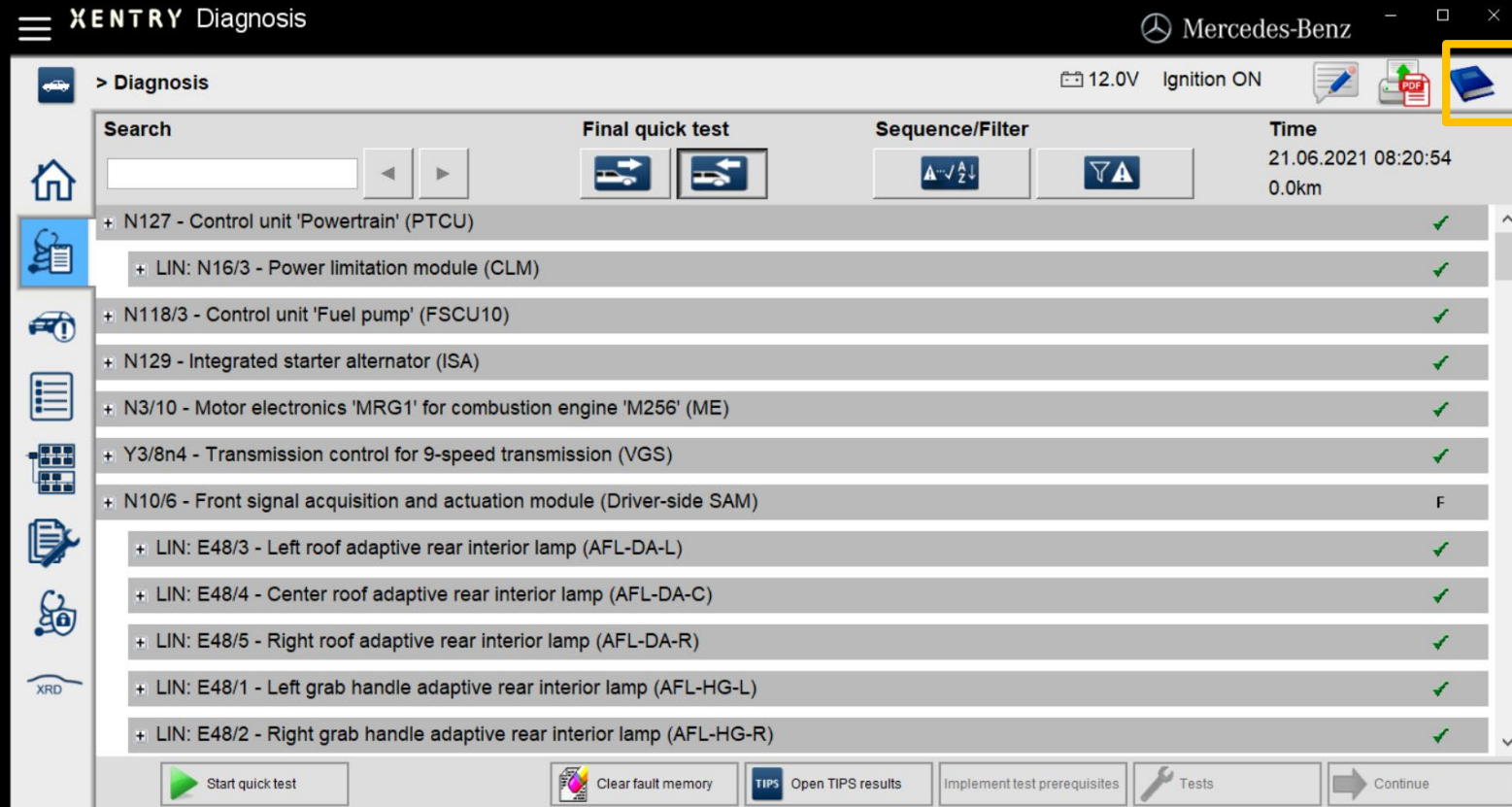
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Information Component via right mouse button / long press on component

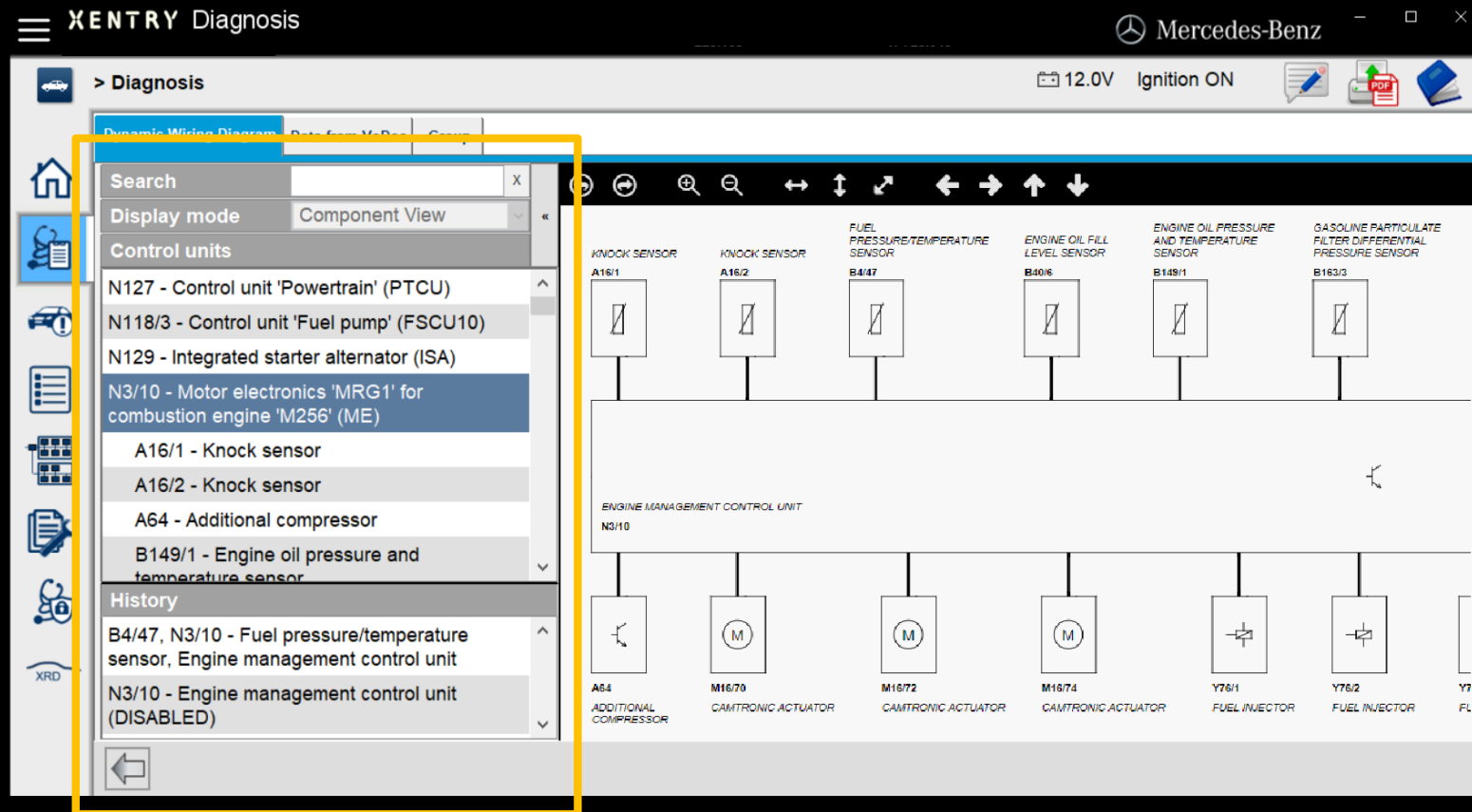
UseCase Dynamic Wiring Diagram *via XENTRY Diagnosis*

UseCase Dynamic Wiring Diagram via XENTRY Diagnosis



Call of *Dynamic Wiring Diagram* from the home screen and short test – call via the book icon

UseCase Dynamic Wiring Diagram via XENTRY Diagnosis

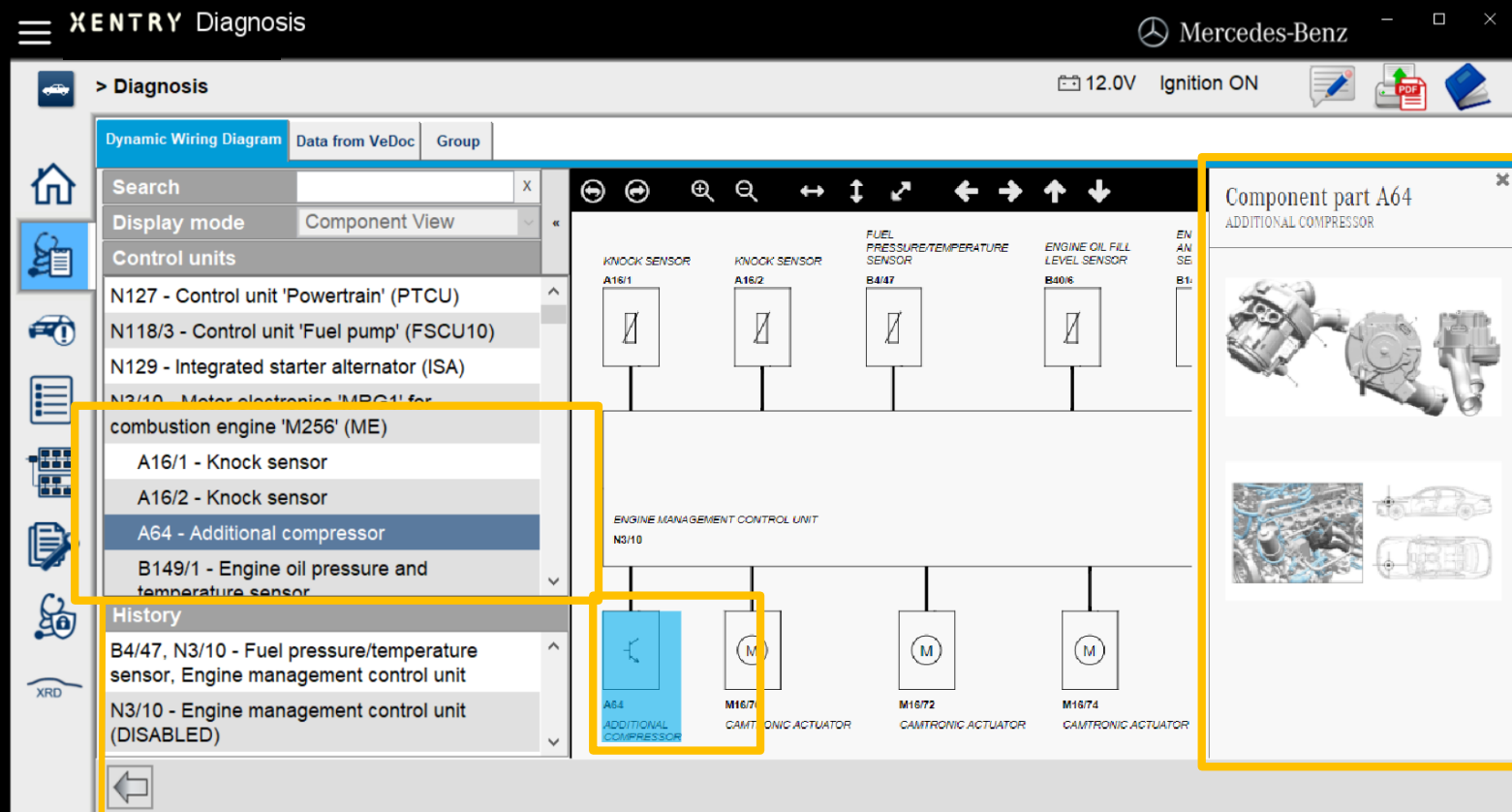


List of all ECUs from the short test

Calling up the circuit diagrams for the ECUs available in the short test

After opening a circuit diagram, all components within the circuit diagram are displayed and can be clicked.

UseCase Dynamic Wiring Diagram via XENTRY Diagnosis



Marking of the clicked component and display of installation locations

Calling the Component Information

List of all components belonging to the control unit

Component Selection

UseCase Dynamic Wiring Diagram via XENTRY Diagnosis

After switching to the tab "Dynamic Wiring Diagram (All Components)" all existing components are listed

The screenshot displays the XENTRY Diagnosis interface for a Mercedes-Benz vehicle. The top navigation bar shows the current view is "Dynamic Wiring Diagram (All components)". On the left, a search bar contains the text "A1". Below the search bar is a legend listing various components, with "A17/2 - Right front door handle" highlighted. The main area shows a detailed wiring diagram for the door handle system, including components like the Electronic Ignition Switch Control Unit (N73/3), Left Front Door Handle (A17/1), Left Rear Door Handle (A17/3), Right Rear Door Handle (A17/4), and Right Front Door Control Unit (N69/2). The diagram illustrates the electrical connections between these components and the vehicle's powertrain control unit (PTCU).

Retrieval of the circuit diagrams of all components of the vehicle

The displayed components can be filtered via the search field