

TO: Mercedes-Benz Dealer Principals, General Managers, Sales Managers, Service Managers, Parts Managers	FROM: Anthony Washington, Senior Manager, Regulations and Certifications
Re: Recall Campaign Launch Notification Model: Metris (447) Model Years: 2022-2023 Replace Fuel Delivery Module	DATE: October, 2024



Mercedes-Benz

IMPORTANT RECALL CAMPAIGN INFORMATION

Please see the attached documents related to the campaign listed above.



Campaign No. :	Campaign Desc. :	Replace Fuel Delivery Module
2024040005	VS2KRAPUM2	
This is to notify you of a Recall Campaign Launch to replace the fuel delivery module on approximately 13,630 MY 2022-2023 Mercedes-Benz Metris vans. The recall campaign will be visible on the www.safercar.gov website and may generate questions from customers. All affected VINs will be flagged " OPEN " in VMI and cannot be sold until the recall has been remedied.		
Background		
Issue	Mercedes-Benz AG, the manufacturer of Metris vans, has determined that on certain Metris (447 platform) vehicles, the fuel pump impeller might not meet specifications in regards to material characteristics. As a consequence, the impeller might deform and come into contact with the fuel pump housing, leading to a mechanical resistance. In some instances, this could lead to a shutdown of the fuel pump. As a result, the vehicle could lose propulsion, which could increase the risk of a crash or injury.	
What We're Doing	MBUSA is conducting a voluntary recall. An authorized Mercedes-Benz dealer will check the fuel delivery module on the affected vehicles and replace it, if necessary.	
Parts	Parts are available and can be ordered as necessary.	
Vehicles Affected		
Vehicle Model Year(s)	2022-2023	
Vehicle Model	Metris	
Vehicle Populations		
Population	13,630	
Dealer Inventory	0	
Given this notice, it is <u>a violation of Federal law</u> for a dealer to sell or lease any <u>new</u> vehicles in dealer inventory covered by this notification until the vehicle has been repaired.		
Loaner and demonstrator vehicles may continue to be driven, but must not be retailed until repaired.		
Additionally, given this notice, it is <u>a violation of Federal Law</u> for rental companies to rent vehicles covered by this notification until the vehicle has been repaired.		
Next Steps/Notes		
Customer Notification Timeline	Customer Notification to begin November 2024	
AOMS/SOMS	AOMs – This recall may generate questions from your dealers. Please forward this notice to your dealers ASAP.	
Rental Fleet Partners	This recall may affect vehicles in your fleet. Please contact your respective MBUSA fleet representative for further information and next steps. For repairs, please contact your preferred MBUSA dealer.	
While we regret any inconvenience this may cause, we are determined to maintain a high level of vehicle quality and customer satisfaction.		

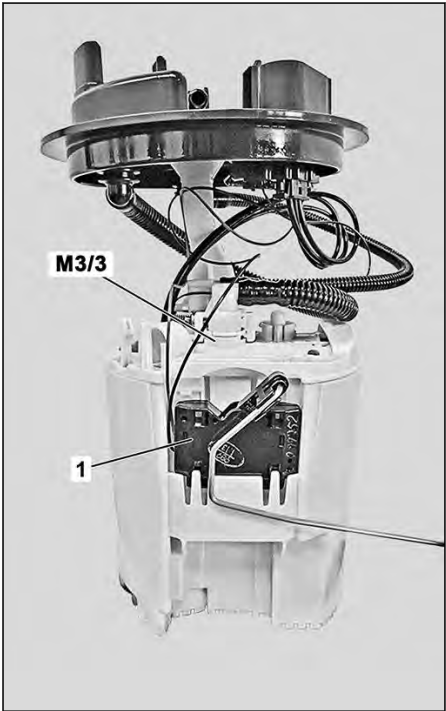


Engine **274 in model 447**

Operation no. of the operation texts or standard texts and flat rates

Category	Op. no.	Operation text	Time	Damage Code	Codeword
P	12 2114	Operations: Replace fuel pump with fuel delivery module	1.3 h	47 902 10	VS2KRAPUM2
P	12 2115	Operations: Extra work for replacing fuel pump with fuel delivery module for delivery without fill level sensor	0.1 h	47 902 10	VS2KRAPUM2
P	12 2116	Operations: Extra work for replacing fuel pump with fuel delivery module, emptying fuel tank	0.4 h	47 902 10	VS2KRAPUM2

- 1 *Fuel tank fill level sensor*
- M3/3 *Fuel pump with fuel feed module*













S47.20-A027-03

- 2 Fuel hose
- 3 Filler neck



S47.20-A028-06

 Danger	Risk of explosion caused by fuel igniting, risk of poisoning caused by inhaling and swallowing fuel as well as risk of injury to eyes and skin caused by contactwith fuel.	No fires, sparks, open flames or smoking. Pour fuels into suitable and appropriately marked containers only. Wear protective clothing when handling fuel.	AS47.00-Z-0001-01A
 Caution	Risk of injury caused by scraping or cutting body parts on sharp vehicle parts	Always wear protective gloves when working on or near sharp and non-deburred vehicle parts. Deburr repair panels.	AS00.00-Z-0017-01A
Notice	Notes on avoiding damage through contamination and foreign objects		AH00.00-P-5000-01A
 Check			
1	Check if vehicle is affected by measure.	If the vehicle is affected by the service measure, ↓ notify vehicle owner that the fuel tank should only be filled to a maximum of 20% for the workshop visit for this service measure (this corresponds to 2 bars on the fuel display of the instrument cluster).	
	Preparatory activity		
2	Position air extraction system for benzene fumes in working area and switch on. 000 588 00 85 00 Air extraction system		WS47.00-P-0039B
 WS			

	Empty the fuel tank		
3	Suction off fuel from fuel tank through filler neck.	Only if fuel tank is filled above 20%.	AR47.10-S-4001E
			
	Remove		
4	Remove fuel pump with fuel delivery module (M3/3).	<p> Contrary to the statement in the reference document on removal of the fuel tank, the fuel hose (2) does not need to be removed.</p> <p>The filler neck (3) is only detached from the body and remains on the fuel tank.</p> <p> The removed fuel pump with fuel delivery module (M3/3) is not reused.</p> <p>Dispose of removed component parts that are not reused properly. Observe the applicable legal requirements and specifications of the relevant country.</p>	AR47.20-S-7000E
			
	Modify		
5	Transfer fuel tank fill level sensor (1) of removed fuel pump with fuel delivery module (M3/3) to new fuel pump with fuel delivery module (M3/3).	Only if new fuel pump with fuel delivery module (M3/3) was delivered without fuel tank fill level sensor (1).	AR47.50-S-0111E
			
	Install		
6	Install new fuel pump with fuel delivery module (M3/3).		AR47.20-S-7000E
			
	Finishing activity		
7	Switch off air extraction system for benzene fumes and remove from working area.		

****Leave ignition switched on before engine start until end of delivery of fuel pump so that fuel is present at engine start and the high-pressure fuel pump. Fuel system will otherwise be damaged.**

Parts ordering note

Part no.	Designation	Quantity
A 447 470 40 01	Fuel pump with fuel feed module (M3/3)	1
A 025 997 18 45	O-ring	1
-	Additional replacement part scopes, small parts and consumable materials required for carrying out this service measure must be replaced in accordance with the information in the repair documents referenced in this document. These must be determined according to the vehicle identification number (FIN) via the "XENTRY Parts Information" system and, whilst not listed in the parts ordering note, they are included in the costing.	n. B.



The following step applies to California dealers only.

Apply Proof of Correction Label (A 000 584 54 13) to area identified in **Figure 1**. Fill in the blank areas of the label. The campaign number for the California Proof of Correction is unique and must be entered as such (240111), your dealer code, and the date of the repair, using a black permanent marker.



Note: Clean bonding surface prior to affixing label.



The following step applies to California dealers only.

Provide the owner with the completed and signed Proof of Correction Certificate (A 000 584 42 14), after you scan a completed form and attach to the RO. The campaign number for the California Proof of Correction is unique and must be entered as (240111).

The image shows a 'Vehicle Emission Recall - Proof of Correction' form. It has a header with the title. Below the header are fields for License Number, Make, Year Model, Body Type, and Vehicle Identification Number. There are also fields for Manufacturer, Recall Number, and a section for the dealer's name and address. At the bottom, there are fields for Date and Dealership's Authorized Signature. A note at the bottom states: 'Please use California Campaign Number as referenced in the work instructions. Return this certificate to DMV only when required - otherwise retain for your records.'

Primary Parts Information

Qty.	Part Name	Part Number	Estimated Replacement Rate
1	Sheet (CA Dealers Only)	A 000 584 42 14	100%
1	Label (CA Dealers Only)	A 000 584 54 13	100%