



Mercedes-Benz

Campaign No.2020120005, December 2020

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model 907 (Sprinter), Model Year
2019-2020 Inspect Fuel Hose and Clamps**

Mercedes-Benz AG (“MBAG”), the manufacturer of Mercedes-Benz and Freightliner vans, has determined that on certain Mercedes-Benz and Freightliner Sprinter vehicles from platform 907 (VS30) with the M274 gasoline engine, the clamps ensuring the connection of the fuel hose to the nozzles of the rigid fuel line and the Schrader valve may not have been properly installed. If the connections are loose or loosen over time, fuel could potentially leak. In a worst case scenario, the fuel hose could completely detach at its connections. In the event of fuel leaking from the loose connection(s), fuel may leak onto the cold side of the engine and either evaporate or leak onto the road surface.

Prior to performing this Recall Campaign:

- Please check VMI to determine if the vehicle is involved in the Campaign and if it has been previously repaired.
- Please review the entire Recall Campaign bulletin and follow the repair procedure exactly as described.

Please note that Recall Campaigns **do not expire** and may also be performed on a vehicle with a vehicle status indicator.

Approximately **4,010** vehicles are involved.

Order No. V-RC-2020120005

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

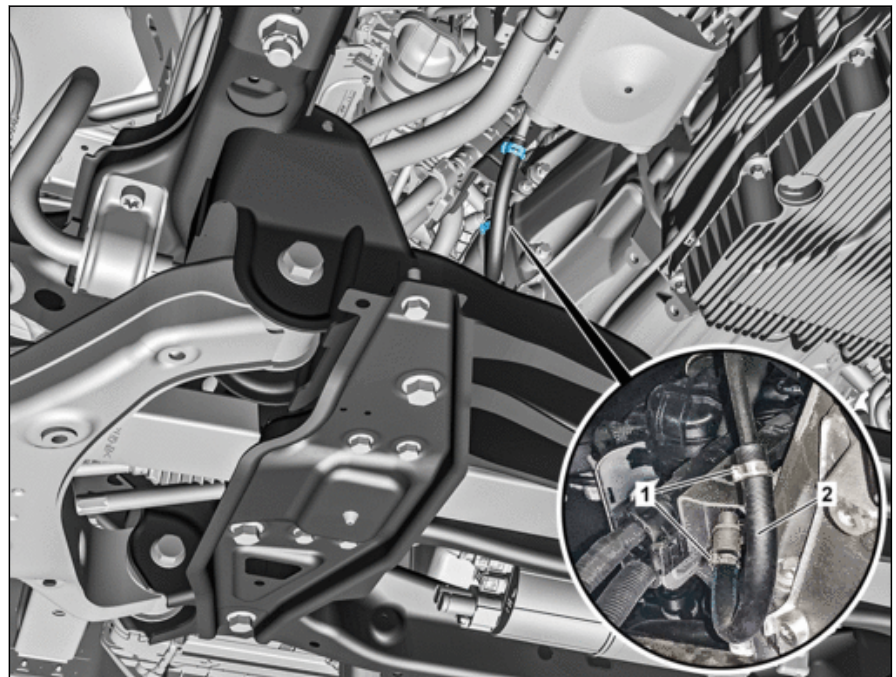
Model 907 with engine 274
with code ZU7 (National version for Canada)

Model 907 with engine 274
with code ZU8 (National version for USA)

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

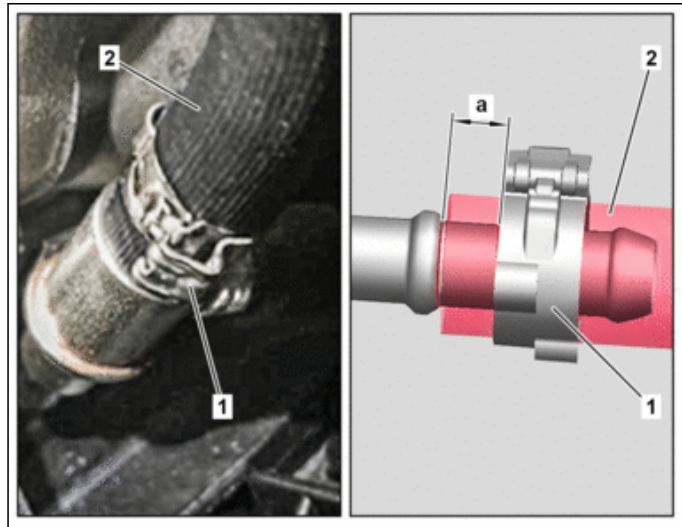
Category	Op. no.	Operation text	Time	Acc. no.	Code
L	02 1490	Operations: Check fuel hose	0.2 hrs	47 903 58	VS3SCHELL E
L	02 1491	Operations: Replace fuel hose (after check)	0.3 hrs	47 903 58	VS3SCHELL E
L	02 3282	Operations: Remove underfloor paneling (when working on veh.)	0.2 hrs	47 903 58	VS3SCHELL E

- 1 Click clamps
- 2 Fuel hose

















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






- 1 Click clamp
- 2 Fuel hose
- a Dimension (approx. 6 mm)




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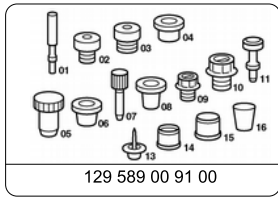
Danger	Risk of explosion caused by fuel igniting, risk of poisoning caused by inhaling and swallowing fuel as well as risk of injury to eyes and skin caused by contact with fuel.	No fires, sparks, open flames or smoking. Pour fuels into suitable and appropriately marked containers only. Wear protective clothing when handling fuel.	AS47.00-Z-0001-01A
Danger	Risk of explosion caused by fuel igniting. Risk of injury to skin and eyes caused by fuel spraying out at high pressure	Keep all ignition sources out of hazard area. Do not carry out any work on system when it is pressurized.	AS07.16-Z-0001-01A
Danger	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between vehicle lift columns and position the four support plates at the vehicle lift support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
Warning	Risk of injury. Skin or eye injuries may result when handling hot or glowing objects.	Wear protective gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
Topical note	Notes on avoiding damage through contamination and foreign objects		AH00.00-P-5000-01A
	General information on work on gasoline direct injection system		AH07.00-P-2000-01A
	Check		
1	Check whether vehicle is affected by measure.	For authorized Mercedes-Benz service partners, only the entry in the Extended VEGA Application (EVA) system, in the "Current" tab, is decisive. An additional test of the affected vehicles in the workshop information system (WIS) or vehicle list is thereby not necessary.	

	Remove		
2	Switch off ignition and store transmitter key outside of transmission range (min. 2 m).		
3 Topical note 	Raise vehicle. Special instructions for lifting and supporting vehicle		AH00.60-N-0100-01TS AR00.60-D-1000-04TS
4 	Remove underfloor paneling at left.	Model 907 with code XM1	AR61.30-D-1001-02TS
	Check		
5	Check click clamps (1) and fuel hose (2).	 Check click clamps (1) for correct positioning and locking. Check fuel hose (2) for correct seating and damage or leaks. Observe dimension (A). If there is no damage and correct seating and leak tightness are ensured: ↓ Lower vehicle and end measure. If click clamps (1) are not correctly positioned or locked: ↓ continue with operation step 6. If fuel hose (2) is not correctly seated or is damaged or leaky: ↓ continue with operation step 6.	
	Remove		
6 	Remove fuel pressure via the service connection.	 Dust protection cap to service connection  Pressure hose	AR07.03-S-1460-04EG BA07.03-N-1001-01H 119 589 04 63 00
7	Remove fuel hose (2).	 To do so, release click clamps (1) and remove fuel hose (2).  Collect escaping fuel in a suitable container. Seal connections.  Replace click clamps (1).  Pliers for click clamps  Record plug	171 589 00 37 00 129 589 00 91 00

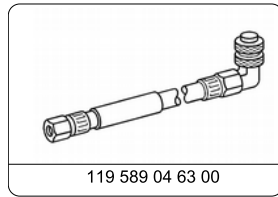
	Clean		
8	Clean engine and affected parts.	If fuel has escaped. Assembly cleaner	BR00.45-Z-1028-04A
	Install		
9	Install new fuel hose (2).	<p> Remove stop plugs to do so. Slide on fuel hose (2) with new click clamps (1) and fasten in correct position.</p> <p> Ensure that click clamps (1) are installed at the correct position. Observe dimension (a) (approx. 6 mm).</p> <p> Collect escaping fuel in a suitable container.</p> <p> Pliers for click clamps</p> <p> Record plug</p>	<p>171 589 00 37 00</p> <p>129 589 00 91 00</p>
	Check		
 Warning	Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running. Check for leak tightness when engine is running.	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
10		 Visual inspection only.	
	Install		
11	Install underfloor paneling at left.		AR61.30-D-1001-02TS
			
12	Lower vehicle.		

 **Injection nozzles, injection valves, lines**

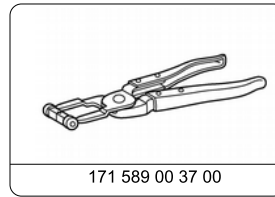
Number	Designation			Engine 274 in model 907
BA07.03-N-1001-01H	Dust protection cap to service connection	Plastic	Nm	2
		Metal	Nm	15



Record plug



Pressure hose



Pliers for click clamps

Repair materials

Number	Designation	Order number
BR00.45-Z-1028-04A	Assembly cleaner	A 000 986 56 01

Parts ordering note

Part no.	Designation	Quantity
A 907 470 15 01	Fuel hose	n. B.
A 006 997 18 90	Click clamp	n. B.