

TO: Mercedes-Benz and Freightliner Dealer Principals, General Managers, Sales Managers, Service Managers, Parts Managers	FROM: Anthony Washington, Department Manager, Regulations and Certifications
RE: Recall Campaign Notification Model 907 (Sprinter) Model Years 2019 EGR Screw Connection	DATE: April 27, 2020

IMPORTANT CAMPAIGN INFORMATION



Campaign	Campaign Desc. :	<h1>EGR Screw Connection</h1>
2020040009	VS3AGROHR	
<p>This is to notify you of the Recall Campaign concerning the screw connections on the exhaust gas recirculation pipe (EGR) on approximately 4,333 MY19 Mercedes-Benz and Freightliner Sprinter 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 as "Open" in VMI.</p>		
Background		
Issue	<p>Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz and Freightliner vans, has determined that on certain Sprinter vehicles from platform 907 (VS30), certain screw connections on the exhaust gas recirculation (EGR) pipe (between the exhaust gas collection pipe and the exhaust gas recirculation controller) may not have been carried out according to specification. If the connecting screws are not tightened according to specification, the flange surface at the end of the EGR pipe may not be completely sealed. In that case, hot exhaust gas could leak into the engine compartment and cause a potential thermal reaction and/or thermal damage to immediately surrounding components.</p>	
What We're Doing	<p>An authorized Mercedes-Benz or Freightliner Sprinter dealer will renew the affected screw connection and the flange seals on the exhaust gas recirculation pipe.</p>	
Parts	<p>Parts are available.</p>	
Vehicles Affected		
Vehicle Model Year(s)	Model Year 2019	
Vehicle Model	Sprinter, VS30 / Platform 907	
Vehicle Populations		
Total Recall	4,333	
Dealer Inventory	123	
<p>Given this notice, it is a violation of Federal Law for a dealer to sell or lease any new MY19 Sprinter vehicles in dealer inventory covered by this notification until the vehicle has been repaired.</p> <p>Loaner and demonstrator vehicles may continue to be driven, but must not be retailed until repaired.</p> <p>Additionally, given this notice, it is a violation of Federal Law for rental companies to rent new MY19 Sprinter vehicles covered by this notification until the vehicle has been repaired.</p>		
Next Steps/Notes		
Customer Notification Timeline	An owner notification letter will be mailed in early May, 2020.	
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 DVUSA fleet representative for further information and next steps. For repairs, please contact your preferred DVUSA dealer.	
<p>While we regret any inconvenience this may cause, we are determined to maintain a high level of vehicle quality and customer satisfaction.</p>		





Mercedes-Benz

Campaign No. 2020040009, April 2020

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model 907 (Sprinter), Model Year 2019**
EGR Screw Connection

Mercedes-Benz AG (“MBAG”), the manufacturer of Mercedes-Benz and Freightliner vans, has determined that on certain Sprinter vehicles from platform 907 (VS30), certain screw connections on the exhaust gas recirculation (EGR) pipe (between the exhaust gas collection pipe and the exhaust gas recirculation controller) may not have been carried out according to specification. If the connecting screws are not tightened according to specification, the flange surface at the end of the EGR pipe may not be completely sealed. In that case, hot exhaust gas could leak into the engine compartment and cause a potential fire and/or fire damage to immediately surrounding components. An authorized Mercedes-Benz or Freightliner Sprinter dealer will renew the affected screw connection and the flange seals on the exhaust gas recirculation pipe.

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.

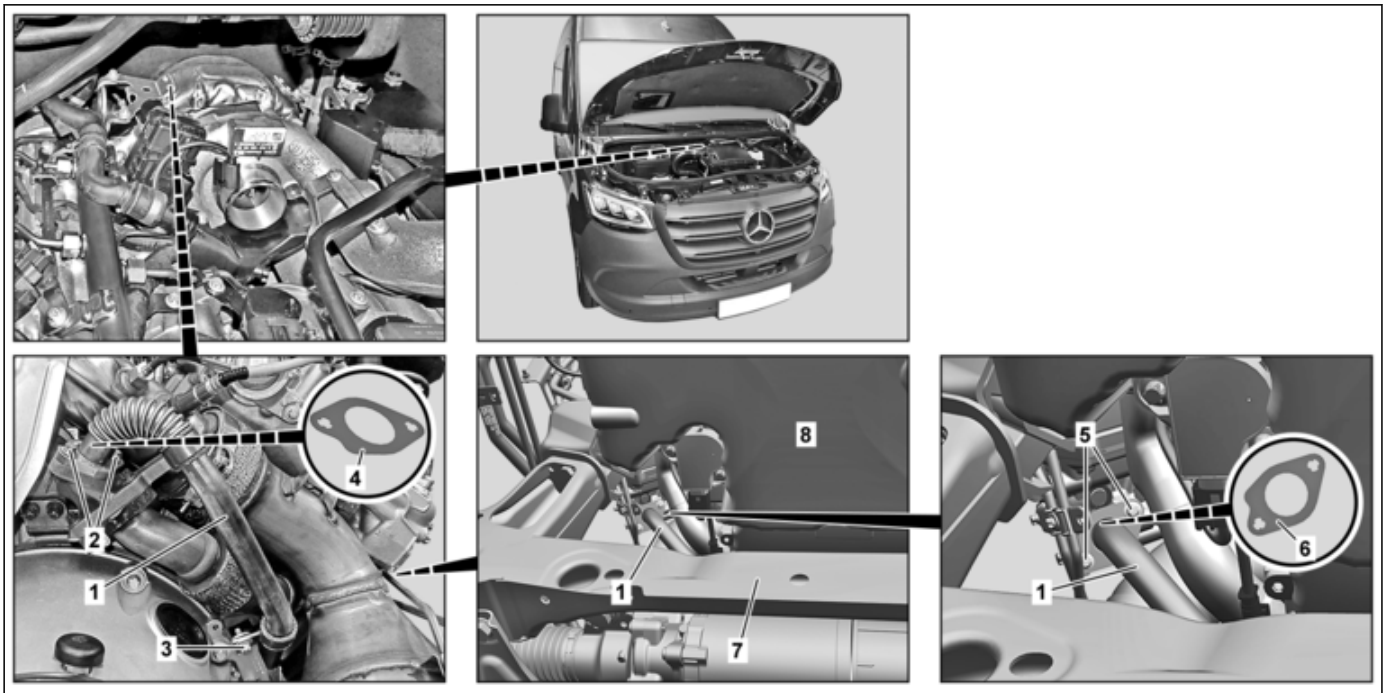
Approximately **4,333** vehicles are involved.

Order No. V-RC-2020040009

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.












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

















	Op. no.	Operation text	Time (hr)	Acc. no.
	02 1697	Operations: Replace threaded connection of exhaust gas recirculation line	1.0	14 910 56 7
	02 3283	Operations: Remove lower engine compartment lining (when working on vehicle)	0.1	14 910 56 7


















D14.20-A023-09

- | | | | |
|---|---------------------------------------|---|---------------------------|
| 1 | <i>Exhaust gas recirculation line</i> | 5 | <i>Bolts</i> |
| 2 | <i>Bolts</i> | 6 | <i>Seal</i> |
| 3 | <i>Screw</i> | 7 | <i>Oil pan</i> |
| 4 | <i>Seal</i> | 8 | <i>Front axle carrier</i> |

 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
 Warning	Risk of burn injuries, suffocation and poisoning when working on the exhaust system and the components connected to it. Risk of suffocation and risk of poisoning caused by inhalation of gaseous and solid components of the exhaust. Risk of poisoning caused by skin contact with solid components of the exhaust.	Wear protective clothing and safety glasses. Use the extraction system. Move people out of the hazard area.	AS49.00-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
Topical note	Notes on avoiding damage through contamination and foreign objects		AH00.00-P-5000-01A
	Check		
1	Check if 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	Remove air filter housing.		AR09.10-D-1150TSV
 AR	Remove engine cover.		AR01.10-D-2405TSV
4	Remove trim of right cylinder head cover.		AR01.20-D-5017TSV
 AR	Loosen screw (3).	 This enables the lower section of the exhaust gas recirculation line (1) to be moved for later replacement of the seal (6).  Set of flexible head wrenches	001 589 81 09 00

6	Remove screws (2) from exhaust gas recirculation line (1).	 Screws (2) are replaced.  Set of flexible head wrenches	001 589 81 09 00
7	Remove seal (4).	 Seal (4) is replaced.	
	Install		
8	Position new seal (4) on exhaust gas recirculation line (1) and fit new screws (2).	 Check seal (4) is in correct installation position. Otherwise, leaks can occur in the exhaust system.  Use a mirror to help.	
9	Tighten new screws (2). Note on calculation of tightening torque when using insertion or socket tools with various effective lengths	 Make sure that the seal (4) is correctly aligned with the exhaust gas recirculation line (1). Otherwise, leaks can occur in the exhaust system.  Bolt, exhaust gas recirculation line to exhaust collector pipe  Set of flexible head wrenches	AH00.00-P-0015-01CW BA14.20-N-1006-01TSV 001 589 81 09 00
	Remove		
10	Raise vehicle. Topical note Special instructions for lifting and supporting vehicle		AH00.60-N-0100-01TS AR00.60-D-1000-04TS
 AR	Remove bottom engine compartment paneling.	Model 907 with code XM1 (Noise abatement measures)	AR61.20-D-1105TS
 AR	Remove screws (5) from exhaust gas recirculation line (1).	 The screws (5) can be reached through the space between the oil pan (7) and the front axle carrier (8).  Screws (5) are replaced.  Bolt, exhaust gas recirculation line to exhaust gas recirculation bypass flap	BA14.20-N-1005-01TSV
13	Remove seal (6).	 Seal (6) is replaced.	

	Install		
14	Position new seal (6) on exhaust gas recirculation line (1) and fit new screws (5).	 Check seal (6) is in correct installation position. Otherwise, leaks can occur in the exhaust system.  Use a mirror to help.	
15	Tighten bolts (5). Note on calculation of tightening torque when using insertion or socket tools with various effective lengths	 Make sure that the seal (6) is correctly aligned with the exhaust gas recirculation line (1). Otherwise, leaks can occur in the exhaust system.  Bolt, exhaust gas recirculation line to exhaust gas recirculation bypass flap  Set of flexible head wrenches	AH00.00-P-0015-01CW BA14.20-N-1005-01TSV 001 589 81 09 00
16	Lower vehicle.		
17	Tighten screw (3).	 Bolt, EGR line to bracket  Set of flexible head wrenches	BA14.20-N-1007-01TSV 001 589 81 09 00
18	Install cover of right cylinder head cover.		AR01.20-D-5017TSV
	19	Install engine cover.	AR01.10-D-2405TSV
	20	Install air filter housing.	AR09.10-D-1150TSV
	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.	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
21	Check for leak tightness when engine is running.	 Visual inspection only.	
	Install		
	22	Install lower engine compartment lining.	AR61.20-D-1105TS
		Model 907 with code XM1 (Noise abatement measures)	

Nm Exhaust gas recirculation

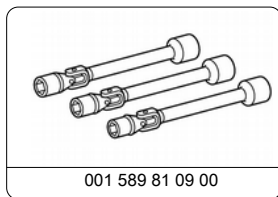
Number	Designation		Engine 642 in model 907
BA14.20-N-1005-01TSV	Bolt, exhaust gas recirculation line to exhaust gas recirculation bypass flap	Nm	12

Nm Exhaust gas recirculation

Number	Designation		Engine 642 in model 907
BA14.20-N-1006-01TSV	Bolt, exhaust gas recirculation line to exhaust collector pipe	Stage 1	Nm 10
		Stage 2	∠° 90

Nm Exhaust gas recirculation

Number	Designation		Engine 642 in model 907
BA14.20-N-1007-01TSV	Bolt, EGR line to bracket	Nm	9



Set of flexible head wrenches

Parts ordering note

Part no.	Designation	Quantity
A 642 142 18 80	Seal	2
A 000 990 69 03	Screw	2
N 000000 001116	Screw	2