



Mercedes-Benz

Campaign No. 2020020013, February 2020

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model S-Class (222 platform) and S-Class Cabrio (217 platform)**
Model Year 2018-2019
Threaded Connection Chain Wheel

Mercedes-Benz AG ("MBAG") the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year ("MY") 2018-2019 S-Class (222 platform) and S-Class Cabrio (217 platform) vehicles equipped with an 8-cylinder gasoline engine (M176), the threaded connection of the timing chain idler gear to the crankcase might not meet current production specifications. A threaded connection that does not meet current production specifications could result in the idler gear detaching from the crankcase. This could lead to contact between the engine valves and pistons, damaging the engine and leading to a vehicle stall, increasing the risk of a crash. An authorized Mercedes-Benz dealer will replace the engine on the affected vehicles.

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. Always Check VMI for any open campaigns, and perform accordingly.
- **VMI must always be checked before performing campaigns to verify that the campaign is required on a specific vehicle. Always check for any other open campaigns, and perform accordingly.**
- 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 6 vehicles are involved.

Order No. P-RC-2020020013

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.

Procedure

1. Remove engine with front axle carrier
i For basic data of model 217 and 222, see **AR01.10-P-2500MNL**
2. Remove engine from front axle carrier
i For basic data of model 217 and 222, see **AR01.10-P-2510MNL**
3. Replace engine.
i Determine engine item number from data card in XENTRY Portal.
4. Assemble in reverse order.

Primary Parts Information

Qty.	Part Name	Part Number
1	Engine	*

* Determine engine item number from data card in XENTRY Portal.

i Small parts such as screws/bolts, lock nuts, sealing rings, cable ties, fluids, sealant etc. are not listed in the parts list. The required small parts are taken into account in the budgeting.

Warranty Information

Operation: Replace engine (02-1398)

Damage Code	Operation Number	Labor Time (hrs.)
05 910 14 7	02-1398	ZM

i Note

Operation Number labor times are subject to change.