

Service Campaign Bulletin

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Campaign No. 2022110005, November 2022

TO: ALL FREIGHTLINER CENTERS

SUBJECT: **Sprinter Models (906)**
Model Year 2014-2016
Software Update – Water Pump Diagnostics

Mercedes-Benz AG ("MBAG"), the manufacturer of Freightliner Sprinter vehicles, has determined that on certain Model Year ("MY") 2014-2016 Freightliner Sprinter vehicles, the software for the water pump diagnostics may not correspond to current specifications. This issue has an extremely low rate of occurrence in the field and has no known emissions or fuel economy impact. However, in the rare instance this issue does occur in a vehicle, it may prevent the vehicle from passing certain state inspection requirements (e.g., California SMOG check). DVUSA will conduct an Emission Service Campaign in which an authorized Freightliner Sprinter dealer will update the software for the water pump diagnostics on the affected vehicles.

Prior to performing this Campaign:

- **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 Campaign bulletin and follow the repair procedure exactly as described.

Approximately 3,593 vehicles are affected.

Order No. V-SC-2022110005

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



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



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

| Category | Op. no. | Operation text | Time | Damage Code | Code |
|----------|---------|---|--------|-------------|------------|
| L | 02 2443 | Operations: Connect/disconnect diagnostic system | 0.1 hr | 54 990 20 | 22V5499020 |
| L | 02 2445 | Operations: Connect/disconnect charger (vehicle diagnosis system connected) | 0.1 hr | 54 990 20 | 22V5499020 |
| L | 02 2442 | Operations: Update control unit software (vehicle diagnosis system connected) | 0.1 hr | 54 990 20 | 22V5499020 |

|  | 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. | |

| | Update software | | |
|---------|---|--|---------------------|
| 2 WS | Connect charging equipment. 000 588 00 81 00 Charger | <p> During the entire work procedure a sufficiently large voltage supply must be provided for the vehicle's on-board electrical system. Otherwise any undervoltage that occurs may damage the control units.</p> <p> Follow the operating instructions for the charger.</p> <p> Use the charger to ensure that an adequate power supply (min. 12.5 V) is provided for the on-board electrical system battery.</p> | WS54.00-P-0037B |
| 3 AD | Connect diagnostic system. | <p> Always use the latest XENTRY Diagnosis software release with all available addons.</p> <p> The operation steps must be performed exactly as per XENTRY Diagnostics.</p> | AD00.00-D-2000-04SD |
| 4 | Update software for CDI control unit. | <p> The operation steps must be performed exactly as per XENTRY Diagnostics.</p> | |
| 5 | Disconnect diagnostic system. | | |
| 6 | Remove charger from vehicle. | | |