

Service Campaign Bulletin



Mercedes-Benz

Campaign No. 2018030013, April 2018

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model 906 Model Year 2016**
Check Pressure Regulating Valve

Daimler AG ('DAG'), the manufacturer of Mercedes-Benz Sprinter vehicles, has determined that on certain SPRINTER vehicles equipped with diesel engine OM642, the pressure regulating valve on the rail (fuel distributor rail of common rail system) may be slightly leaky, as two seals may not have been fitted with the required degree of precision. Consequently, very small quantities of diesel fuel could leak out along the engine wiring harness and, in the most unfavorable case, enter the engine control unit which could lead to malfunctions and possible failure of the exhaust gas cleaning system. In such an instance, the driver would be notified of the situation through activation of the engine indicator lamp in the instrument cluster. A fire hazard or a fuel leak onto the roadway can however be ruled out. Please check the affected vehicles to see if the valve on the rail has a leakage. If so, replace the affected component parts.

Prior to performing this Service 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 Service Campaign bulletin and follow the repair procedure exactly as described.

Approximately **46** vehicles are affected.

Order No. V-SC-2018030013

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.

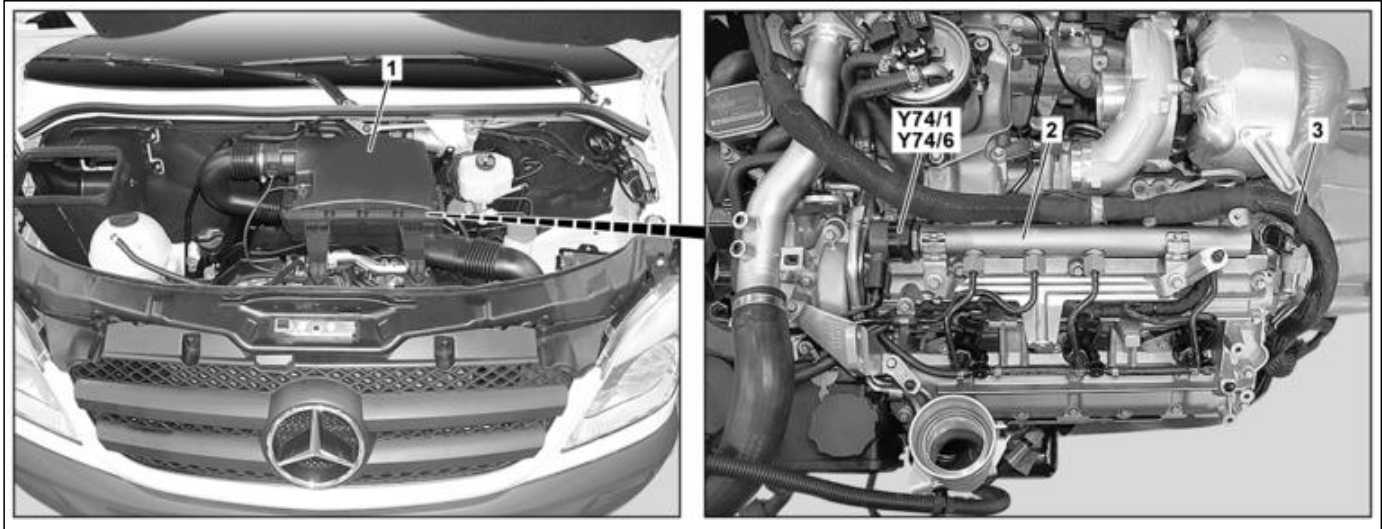
Service Campaign Bulletin

Service Campaign Bulletin

Service Campaign Bulletin

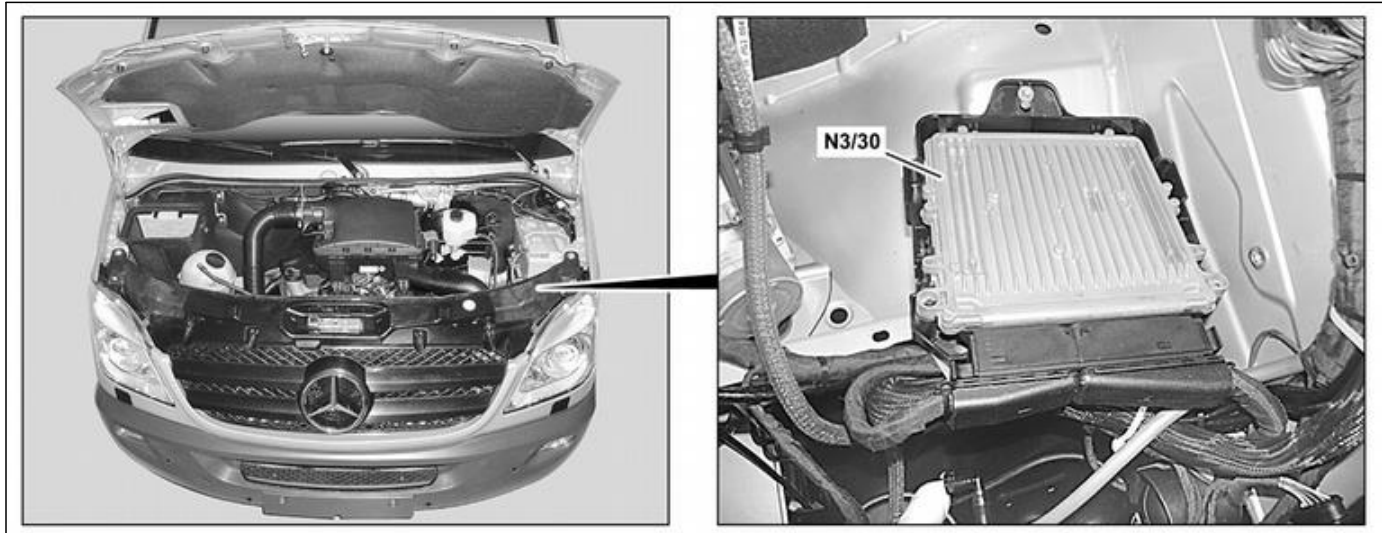
Service Campaign Bulletin

Service Campaign Bulletin



1 Air cleaner housing
2 Rail

3 Engine wiring harness
Y74/6 Pressure regulator valve



N3/30 CDI control unit

Warranty Details

Operation number	Damage Code	Flat rate	Operation text
02 2206	07 900 93 7	0.2 h	Check pressure regulating valve
02 2213	07 900 93 7	Time prescribed by foreperson (ZM)	Replace rail at left and engine wiring harness (after check)
02 2215	07 900 93 7	0.5 h	Replace CDI control unit (after check)


Parts Ordering

Part number	Designation	Quantity
A 642 070 29 95	Rail	As required

A 642 150 32 90	Engine wiring harness	As required
A 642 900 00 01	CDI control unit	As required

Note: 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 to be budgeted for and procured through the EPC.

Procedure

 Danger	<p>Risk of explosion caused by fuel igniting. Risk of injury to skin and eyes caused by fuel spraying out at high pressure</p>	<p>Keep all ignition sources out of hazard area. Do not carry out any work on system when it is pressurized.</p>
---	---	---

Steps	Description of Work	Notes
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.
2.	Remove air filter housing (1)	
3.	Check pressure regulating valve (Y74/6) for leak tightness	<p>To do so, disconnect electrical connector from pressure regulating valve (Y74/6).</p> <p>Any internal leakage will be visible in the form of diesel fuel in the electrical connector. If there is no diesel fuel in the electrical connector of the pressure regulating valve (Y74/6). ↓ No measure necessary. Proceed with operation step 5. If there is diesel fuel in the electrical connector of the pressure regulating valve (Y74/6). ↓ Proceed with operation step 4.</p>
4.	Check electrical connectors of the CDI control unit (N3/30) for the presence of any diesel fuel	<p>To do so, disconnect electrical connectors from CDI control unit (N3/30). If diesel fuel is not present in the electrical connectors of the CDI control unit (N3/30). ↓ Replace engine wiring harness (3) and rail (2). If diesel fuel is present in the electrical connectors of the CDI control unit (N3/30). ↓ Replace CDI control unit (N3/30), engine wiring harness (3) and rail (2).</p>
5.	Install air filter housing (1)	