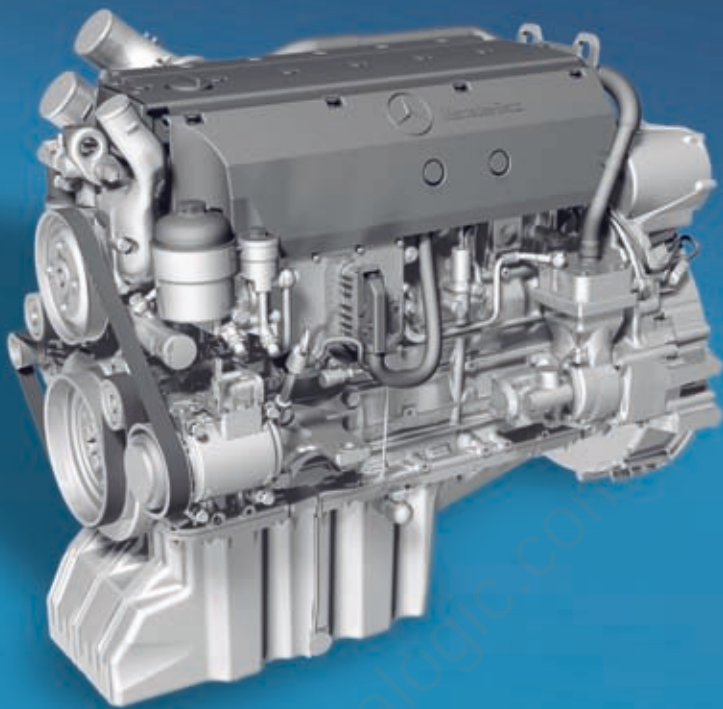




OM 904-926 LA BlueTec[®], OM 904-926 LA

Maintenance Booklet



Mercedes-Benz

formed by the engine. Before operation on FAME fuels, the replacement intervals must be individually determined. For this, consultation with a Mercedes-Benz or MTU Service Centre is necessary.

Only use engine oils complying with Sheet no. 228.51 / 228.5 / 228.31 / 228.3 of the Mercedes-Benz Specifications for Service Products. This also applies if the vehicle is operated on a mixture of diesel fuel and FAME fuels.

The intervals for renewing engine oil and filter changes are significantly shorter. The fuel filter must be replaced at the same time as the engine oil is renewed and the filter is replaced.

Information about these specifications can be obtained from any Mercedes-Benz or MTU Service Centre.

machinecatalogic.com

**WARNING**

Please make sure that you read the technical documentation, for example the Operating Instructions and the workshop information, before maintenance work is carried out.

Engine without BlueTec®

The following tables are valid for the following emission levels:

- Euro 3
- Euromot 2/3A
- Tier 2/3

Engine use according to the specifications in the maintenance category overview.

Maintenance by operating hours (h)

Maintenance service (W) ²	Maintenance category A		
	Oil quality according to Sheet Number ³		
	228.5/51 ⁴	228.3/31 ⁴ 228.2 ⁵	228.0/1
1W	1400	1100	800
2W	2800	2200	1600
3W	4200	3300	2400
All others	1400	1100	800

Maintenance by operating hours (h)

Maintenance service (W) ²	Maintenance category B			Maintenance category C		
	Oil quality according to Sheet Number ³			Oil quality according to Sheet Number ³		
	228.5/51 ⁴	228.3/31 ⁴ 228.2 ⁵	228.0/1	228.5/51 ⁴	228.3/31 ⁴ 228.2 ⁵	228.0/1
1W	900	700	500	500	400	300
2W	1800	1400	1000	1000	800	600
3W	2700	2100	1500	1500	1200	900
All others	900	700	500	500	400	300

² Maintenance interval.

³ Sheet Number of the Mercedes-Benz Specifications for Service Products.

⁴ Low-ash engine oil, to be used with low-sulphur fuel.

⁵ Only single-grade oil.



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Date

Odometer reading

Operating hours (h)

Job no.

Maintenance service
☐ W ☐ V2 ☐ Z2 ☐ Z3

☐ J1 ☐ J3
Change oil

Engine

Viscosity

Sheet no.

Replaced/renewed:
☐ Fuel prefilter: fuel filter

☐ Fuel filter element
Poly-V-belt
☐ Condition
Engine cooling system
☐ Fluid level tested and adjusted

☐ Engine cooling system: corrosion/antifreeze protection tested and adjusted
Air filter
☐ Air filter element replaced
Engine brake
☐ Condition and setting
Check for leaks and damage
☐ Engine: leakage integrity

☐ All cables and hoses, sensor cables: incorrect routing, leakage integrity and condition

☐ Intake pipe between the air filter, charge-air cooler and engine: leakage integrity and condition

☐ All reservoirs, covers, bellows, protective caps: leakage integrity and condition

☐ Cooling and heating system (radiator, cables and hoses): leakage integrity and condition
AdBlue®/DEF supply unit
☐ AdBlue®/DEF pressure reservoir filled

☐ AdBlue®/DEF filter replaced
Coolant change
☐ Every 3 years (Sheet 325.0/2, 326.0/2)

☐ Every 5 years (Sheet 235.3, 236.3)

Signature/stamp of the Mercedes-Benz or MTU Service Centre

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Date

Odometer reading

Operating hours (h)

Job no.

Maintenance service
☐ W ☐ V2 ☐ Z2 ☐ Z3

☐ J1 ☐ J3
Change oil

Engine

Viscosity

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Date

Odometer reading

Operating hours (h)

Job no.

Maintenance service
☐ W ☐ V2 ☐ Z2 ☐ Z3

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Change oil

Engine

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Sheet no.

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Date	
Odometer reading	
Operating hours (h)	
Job no.	

Maintenance service

☐	W	☐	V2	☐	Z2	☐	Z3
☐	J1	☐	J3				

Change oil

Engine	
Viscosity	
Sheet no.	

Replaced/renewed:

☐	Fuel prefilter: fuel filter
☐	Fuel filter element

Poly-V-belt

☐	Condition
--------------------------	-----------

Engine cooling system

☐	Fluid level tested and adjusted
☐	Engine cooling system: corrosion/antifreeze protection tested and adjusted

Air filter

☐	Air filter element replaced
--------------------------	-----------------------------

Engine brake

☐	Condition and setting
--------------------------	-----------------------

Check for leaks and damage

☐	Engine: leakage integrity
☐	All cables and hoses, sensor cables: incorrect routing, leakage integrity and condition
☐	Intake pipe between the air filter, charge-air cooler and engine: leakage integrity and condition
☐	All reservoirs, covers, bellows, protective caps: leakage integrity and condition
☐	Cooling and heating system (radiator, cables and hoses): leakage integrity and condition

AdBlue®/DEF supply unit

☐	AdBlue®/DEF pressure reservoir filled
☐	AdBlue®/DEF filter replaced

Coolant change

☐	Every 3 years (Sheet 325.0/2, 326.0/2)
☐	Every 5 years (Sheet 235.3, 236.3)

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Imprint

Internet

You will find further information about Mercedes-Benz engines, Daimler AG and Togum AG on the Internet at:

www.mercedes-benz.com

www.daimler.com

www.mtu-online.com

Editorial office

You are welcome to forward any queries or suggestions you might have regarding these Operating Instructions to the technical documentation team at the following address:

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Mercedes-Benz OM 904-926 LA BlueTec Engine Maintenance Manual

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