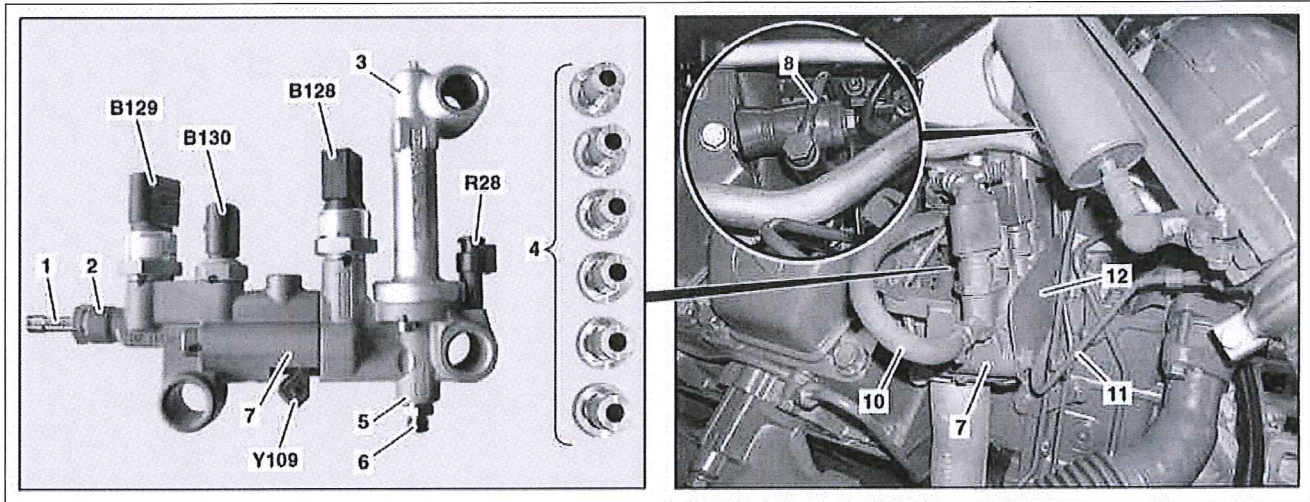


ENGINES 541.9 in MODEL 930, 932, 933, 934 with CODE (MS4) BlueTec 4
ENGINES 542.9 in MODEL 930, 932, 934 with CODE (MS4) BlueTec 4
ENGINES 541.9 in MODEL 930, 932, 933, 934 with CODE (MS5) BlueTec 5
ENGINES 542.9 in MODEL 930, 932, 934 with CODE (MS5) BlueTec 5














W14.40-1318-08

- | | | |
|--|---|--|
| <p>1 Line fitting (AdBlue inlet)</p> <p>2 AdBlue inlet</p> <p>3 Compressed air inlet</p> <p>4 Decoupling bushes</p> <p>5 AdBlue/air mixture outlet</p> <p>6 Line fitting (AdBlue/air mixture outlet)</p> | <p>7 Metering device</p> <p>8 Compressed-air line</p> <p>10 AdBlue feed hose</p> <p>11 Injection line</p> <p>12 Heat shield</p> | <p>B128 SCR compressed air pressure sensor</p> <p>B129 SCR AdBlue pressure sensor</p> <p>B130 SCR AdBlue temperature sensor</p> <p>R28 Heating element</p> <p>Y109 SCR AdBlue metering valve</p> |
|--|---|--|

Modification notes

26.1.07	<p>"Make sure that no AdBlue escapes from the AdBlue feed hose (10) onto the electrical connectors, as this may lead to damage to the metering device (7)" added.</p> <p>Sequence of operation steps revised.</p>	<p>Operation step 3</p> <p>Operation steps 3 and 5</p>
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	Remove/install		
	Danger!		
	Risk of burn injuries and scalding when working at AdBlue lines and the components attached to them. Risk of injury to skin and eyes when handling AdBlue. Risk of poisoning caused by swallowing AdBlue	Pour AdBlue into suitable containers only. Wait until the pressure is released before starting any work on the exhaust aftertreatment system.	AS14.40-Z-0001-01A
	Notes on use, material properties and handling of AdBlue®		AH14.40-N-0001-01A
1	Switch off ignition		
2	Remove injection line (11)	Installation: Replace injection line (11) each time it is removed.	AR14.40-W-2001A
3	Detach AdBlue feed hose (10) on line fitting (1)	<p> Make sure that no AdBlue can drip from the AdBlue feed hose (10) onto the electrical connectors, as this may lead to damage to the metering device (7).</p> <p> Installation: Before assembling check the AdBlue feed hose (10) for foreign objects, contamination and damage.</p> <p>If the AdBlue feed hose (10) is reused, in the area in which the hose clamp was seated it must be shortened by approx. 2 cm.</p> <p>If as a result the AdBlue feed hose (10) should be too short, it must be replaced.</p> <p>Replace 1-ear clamp.</p>	

4	Detach compressed air line (8) at metering device (7)	 Seal bore with suitable stop plug.  Installation: Prior to assembly, inspect banjo union of the compressed air line (8) for foreign bodies, contaminants and damage. 	*BA14.40-N-1033-02A
5	Disconnect electrical connectors at metering device (7)		
6	Remove line fitting (1) on metering device (7)	 Only when metering device (7) is to be replaced.  Before detaching the line fitting (1) it is absolutely essential that the AdBlue feed hose be detached otherwise it may leak.  Installation: Install new gasket 	*BA14.40-N-1034-02A
7	Remove metering device (7) with decoupling jack (4)	  Installation: If a metering device (7) without heating element (R28) was installed, a new metering device (7) with heating element (R28) must be installed and the following work additionally performed: ↓ - Install larger heat shield (12). - Install wiring harness for the heating element (R28) of metering device (7).	*BA14.40-N-1005-02A AR14.40-W-2036A BT14.40-W-0002-01A
 BT	Metering device for exhaust aftertreatment system modified		
8	Install in the reverse order		
 Danger!	Risk of accident caused by vehicle starting off by itself when engine is running. Risk of injury caused by contusions and burns during starting procedure or when working near the engine as it is running Start engine	Secure vehicle to prevent it from moving by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
9	Start engine		
10	Run engine and inspect metering device (7) for leaks		

 Exhaust aftertreatment, Blue Tec

Number	Designation		Engine 541.9 with code MS4 or code MS5	Engine 542.9 with code MS4 or code MS5
BA14.40-N-1005-02A	Metering device on bracket	Nm	25	25
BA14.40-N-1033-02A	Banjo bolt, compressed air line to metering device	Nm	15	15
BA14.40-N-1034-02A	Pipe connection for AdBlue input to metering device	Nm	22	22