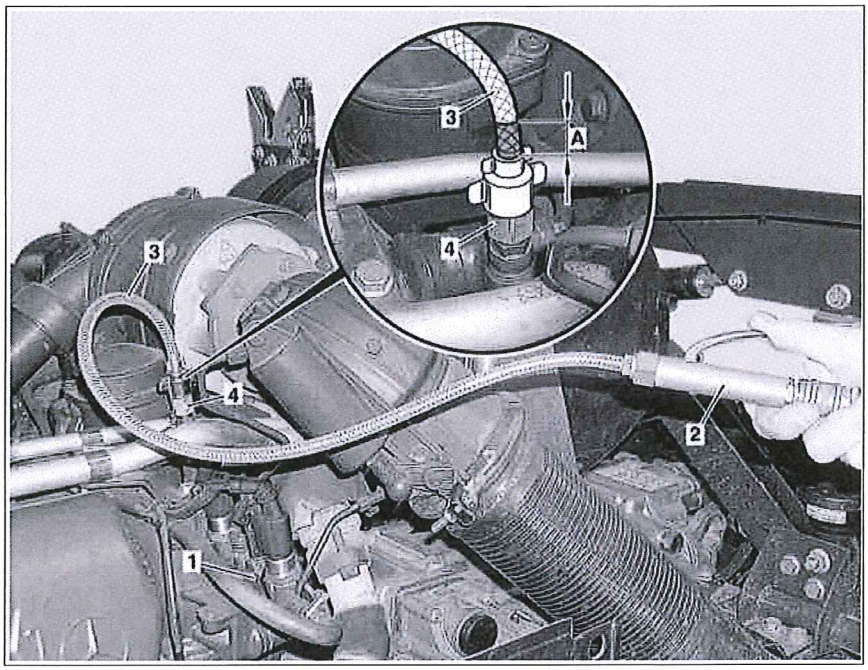
AR14.40-W-2031A	Flush out metering device of exhaust aftertreatment system	22.3.11

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

1 Metering device
2 Compressed-air gun
3 Flushing hose
4 Test connection

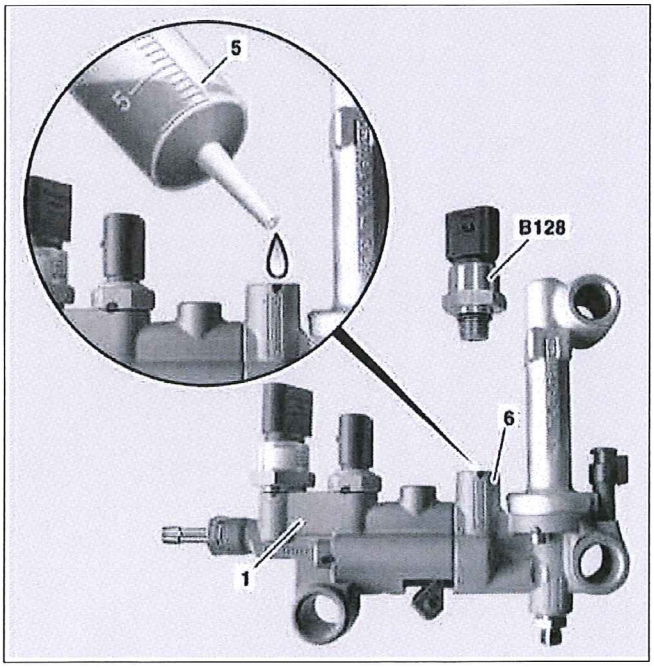
A Water column (4 cm)



W14.40-1279-06

1 Metering device
5 Syringe
6 Hole (for SCR compressed air pressure sensor)

B128 SCR compressed air pressure sensor



W14.40-1361-12

Modification notes

16.10.07	Connect STAR DIAGNOSIS, added.	Operation step 3	
	Remove the SCR compressed air pressure sensor (B128), added.	Operation step 6	
	Fill water in the hole (6), added.	Operation step 7	

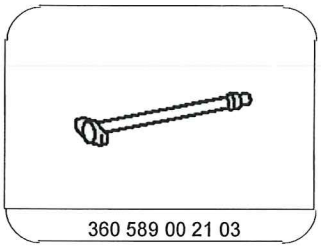
	Install the SCR compressed air pressure sensor (B128), added. Disconnect STAR DIAGNOSIS, added.	Step 8 Step 19	

	Flushing		
⚠ **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
i	Notes on use, material properties and handling of AdBlue®		AH14.40-N-0001-01A
1	Switch off ignition		
2	Open maintenance flap		
3	Connect STAR DIAGNOSIS		
⚠ **Danger!** 4 (!)	**Risk of injury** caused by body parts being pinched or crushed as cab is tilted Tilt cab Notes on tilting the cab	Ensure that no one is within the tilting range of the cab as it is being tilted. Always tilt the cab all the way to the end position and secure with the safety strut.	AS60.80-Z-0001-01A AH60.80-N-0003-01A
5	Install test connection (4) at compressed air inlet of metering device (1)	i Only if no test connection (4) is installed. The test connection (4) can remain in the vehicle.	AR14.40-W-2042A
6	Remove SCR compressed air pressure sensor (B128)		
7	Fill water in the hole (6)	i Fill water until it overflows from the hole (6).	
8	Install the SCR compressed air pressure sensorB128	Nm	*BA14.40-N-1008-02A
9	Connect up flushing hose (3) to test connection (4)	i A measuring hose can be used as a flushing hose (3). Connect the flushing hose (3) only after completing the retrospective blowing through process for the exhaust aftertreatment system (approx. 5 minutes). S	 *360589002103
10	Remove tire valve on flushing hose (3)		
11	Fill sufficient water into the flushing hose (3) so that a water column (A) of 4 cm is achieved	i Hold the flushing hose (3) at a height during the process so that the water flows in the direction of the test connection (4).	
12	Screw the tire valve on to the flushing hose (3)		
13	Attach compressed air guns (2) to flushing hose (3)		
14	Flush out metering device (1)	i To do this, pressurize the flushing hose (3) with compressed air until the water is completely removed. (!) The pressure reducing valve must be set to maximum 5.5 bar since an excessively high pressure can damage the metering device (1).	
⚠ **Danger!** 15	Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when 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
16	Check compressed air pressure at metering device (1) with the aid of STAR DIAGNOSIS	i The actual value 69 must be requested from STAR DIAGNOSIS. If the value is above the tolerance range specified in STAR DIAGNOSIS, the flushing process must be repeated. If the value is still not correct: ↓ Install a new metering device (1).	 AR14.40-W-2002A
17	Remove flushing hose (3)	i The test connection (4) can remain in the vehicle.	

⚠ **Danger!**	**Risk of injury** caused by body parts being pinched or crushed as cab is tilted	Ensure that no one is within the tilting range of the cab as it is being tilted. Always tilt the cab all the way to the end position and secure with the safety strut.	AS60.80-Z-0001-01A
18	Lower cab		
(!)	Notes on tilting the cab		AH60.80-N-0003-01A
19	Disconnect STAR DIAGNOSIS		
20	Close maintenance flap		

Nm Exhaust aftertreatment

Number	Designation		Engine 541.9 with code MS4 or code MS5	Engine 542.9 with code MS4 or code MS5
BA14.40-N-1008-02A	SCR air pressure sensor on metering device	Nm	30	30



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Measuring hose