

<p>AR14.40-W-2048-01A</p> <p>⚠ Danger!</p> <p>i</p> <p>WF</p> <p>WF</p> <p>WF</p>	<p>Remove/install pneumatic pressure relief valve from pump module</p> <p>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</p> <p>Notes on use, material properties and handling of AdBlue®</p> <p>Sealing piece for AdBlue intake line and AdBlue feed line</p> <p>Sealing piece for AdBlue return line</p> <p>Sealing piece for AdBlue feed fitting on pump module and AdBlue feed fitting and return fitting on AdBlue container</p>	<p>Pour AdBlue into suitable containers only. Wait until the pressure is released before starting any work on the exhaust aftertreatment system.</p>	<p>AS14.40-Z-0001-01A</p> <p>AH14.40-N-0001-01A</p> <p>WF58.50-W-1440-05A</p> <p>WF58.50-W-1440-06A</p> <p>WF58.50-W-1440-07A</p>
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Nm Compressed air lines

Number	Designation	Model 375.1	Model 375.3, 375.4	Models 930, 932, 933, 934, 950, 952, 953, 954, 957, 958
BA00.18-N-1003-01A	Compressed air connection system SCHÄFER "SDF" in metallic material	M10×1 Nm 5	5	5

Nm Compressed air lines

Number	Designation	Model 970, 972, 974, 975, 976	Model 940, 942, 943, 944	Model 949
BA00.18-N-1003-01A	Compressed air connection system SCHÄFER "SDF" in metallic material	M10×1 Nm 5	5	5

Nm Exhaust aftertreatment

Number	Designation	Engine 457.9 with code MS4 or code MS5
BA14.40-N-1054-02B	Screw-in bushing for the internal pressure relief valve on the pump module	Nm 10

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-1055-02A	Screw-in bushing for the internal pressure relief valve on the pump module	Nm	10	10

Nm Exhaust aftertreatment

Number	Designation		Engine 900.9, 902.9, 924.9, 925.9, 926.9 with code MS4 or code MS5
BA14.40-N-1054-02C	Screw-in bushing for the internal pressure relief valve on the pump module	Nm	10

Nm Exhaust aftertreatment

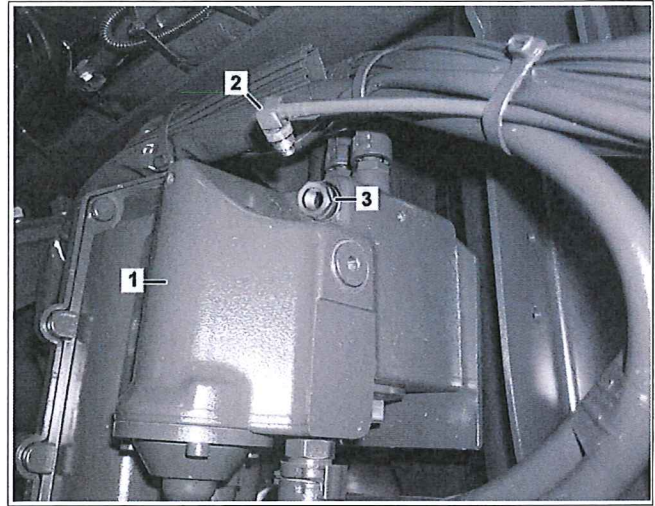
Number	Designation		Engine 900.9 in model 668, 670
BA14.40-N-1033-02E	Screw-in bushing for the internal pressure relief valve on the pump module	Nm	10
BA14.40-N-1034-02E	Compressed air connection system SCHÄFER "SDF" on screw-in bushing for the internal pressure relief valve	Nm	5

Repair materials

Number	Designation	Order number
BR00.45-Z-1019-06A	ABS sensor grease	A 000 989 62 51 10

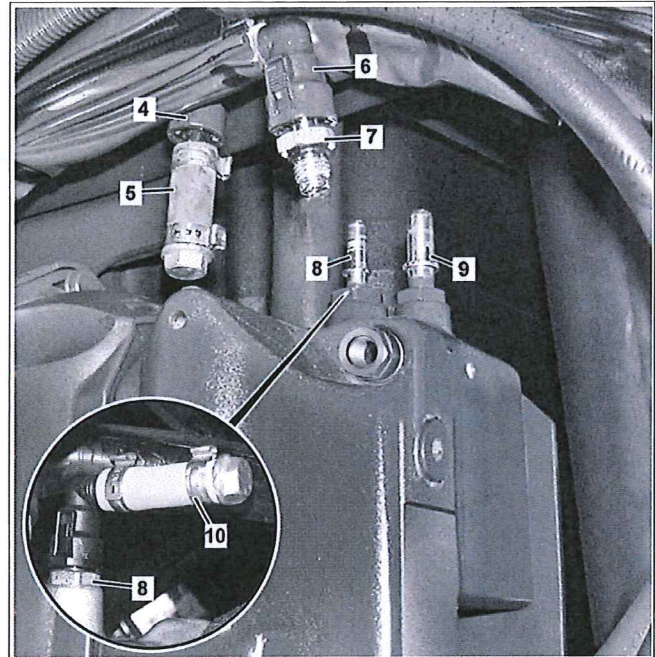
Removal:

- 1 Thoroughly clean the area of the screw-in bushing (3) for the internal pneumatic pressure relief valves on the pump module (1).
- 2 Disconnect air line (2) on the screw-in bushing (3).



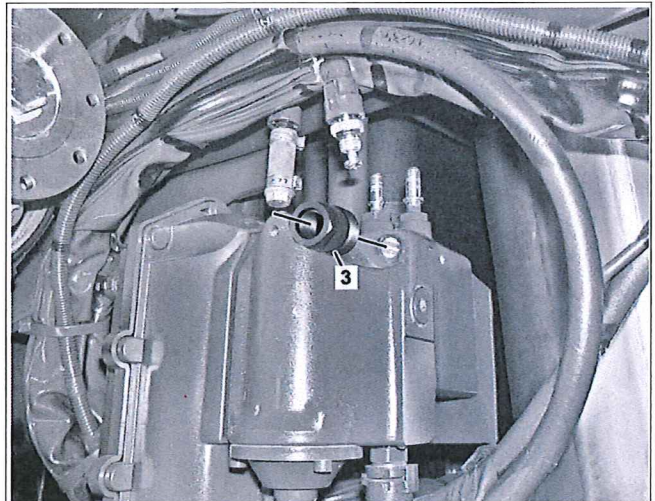
W14.40-1496-11

- 3 Detach AdBlue feed line (4) on the feed fitting (8) and close off using a shop-made sealing piece (5).
- 4 Detach AdBlue return line (6) on the return connection (9) and close off using a shop-made sealing piece (7).
- 5 Close off feed fitting (8) using a shop-made sealing piece (10).



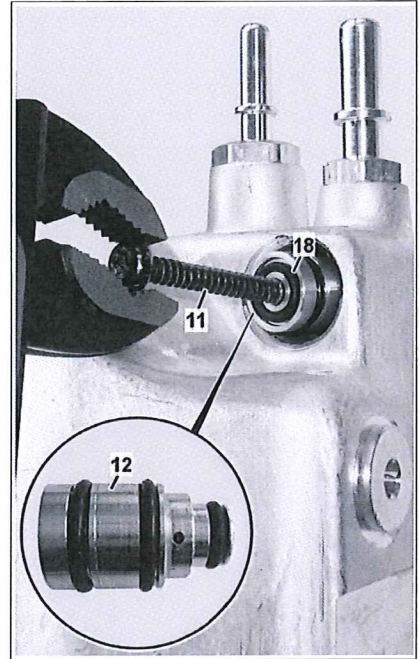
W14.40-1497-12

- 6 Unscrew screw-in bushing (3).



- 7 Remove internal pneumatic pressure relief valve (12).

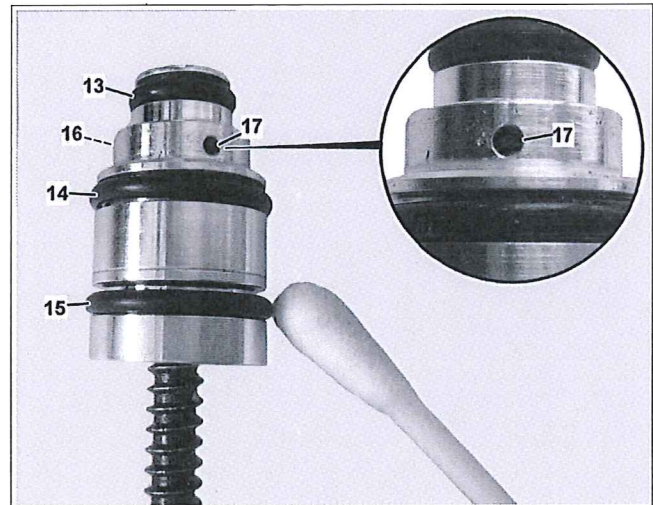
i To removal a bolt (11) with the dimension M5 x50. Screw in bolt (11) to the noticeable end stop then pull out using suitable pliers. Ensure that the axial O-ring (18) is also removed at the same time and does not remain in the bore or does not remain stuck from previous removal of the screw-in bushing.



W14.40-1499-03

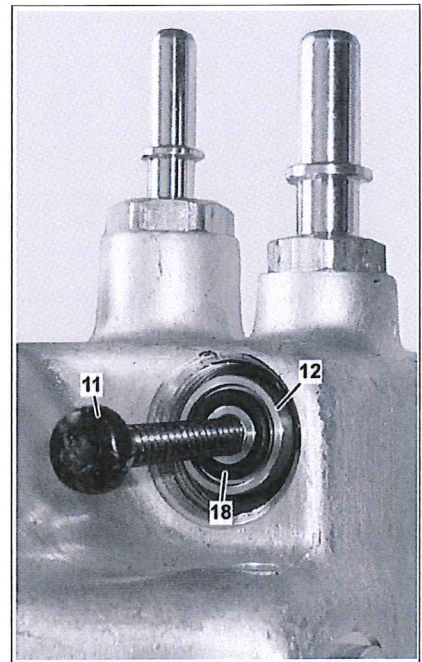
Installation

- 8 Thoroughly clean the bore and thread in the pump module using a lint-free rag.
- 9 The O-rings (13, 14, 15) should be wet very thinly with the lubricant.
i It is essential to ensure that the bores (16, 17) are not blocked up with lubricant since this could lead to a function failure of the internal pneumatic pressure relief valve.



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- 10 Put axial O-ring (18) in place and install internal pneumatic pressure relief valve (12).
[i] To install use bolt (11) with dimension M5 x50. Screw in bolt (11) down to the noticeable end stop then lead internal pneumatic pressure relief valve (12) under slight pressure up to the end stop in the blind hole in the pump module. It is essential to ensure that no dirt finds its way into the pump module and that the O-rings are not damaged during introduction.
- 11 Unscrew bolt (11).



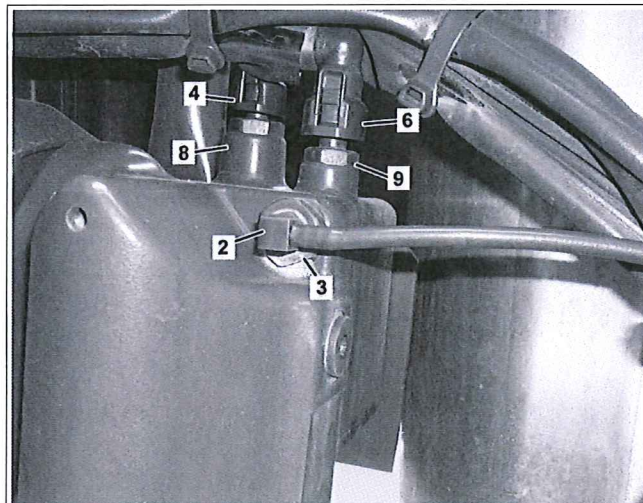
W14.40-1501-03

- 12 Check for correct seating of the axial O-ring (18) on the internal pneumatic pressure relief valve (12); align if necessary.



W14.40-1502-03

- 13 Install screw-in bushing (3) \square Nm.
- 14 Attach AdBlue feed line (4) to the feed fitting (8).
- 15 Attach AdBlue return line (6) to the return connection (9).
- 16 Attach air line (2) to the screw-in bushing (3) \square Nm.



W14.40-1503-11