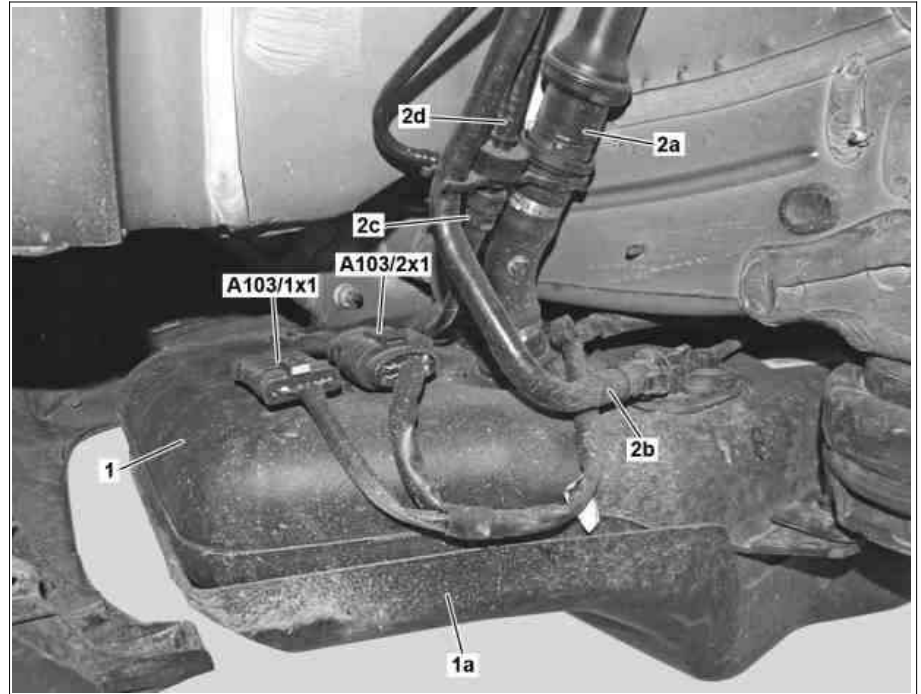


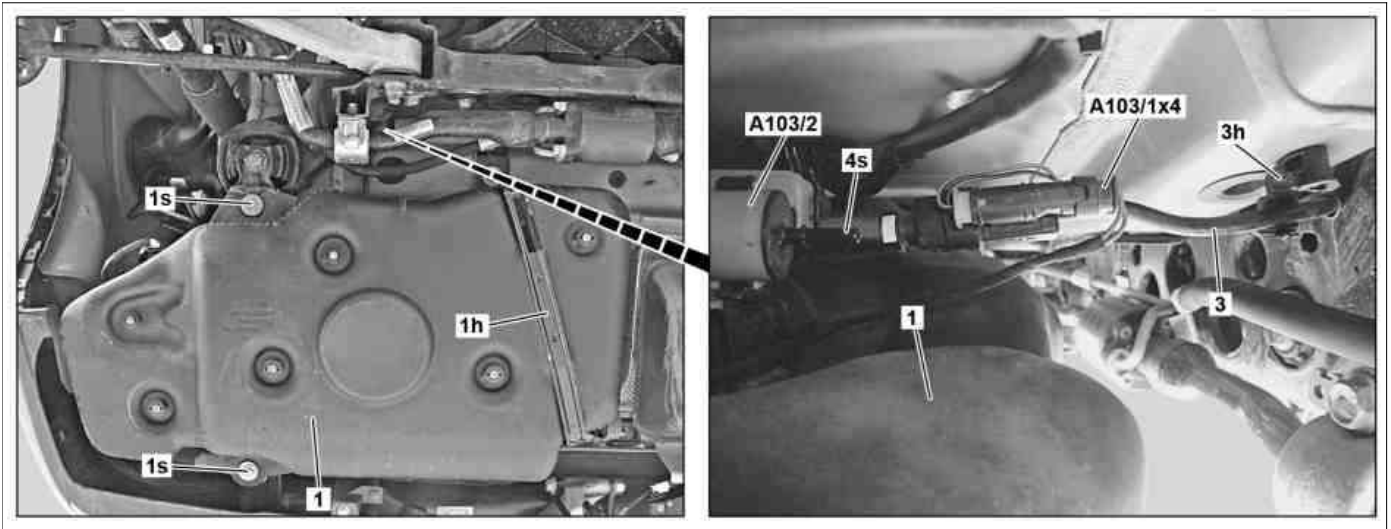
- Engine 642 in model 292
with code U77 (Diesel Emission control BLUETEC (SCR))
- Engine 642, 651 in model 166
with code U42 (BlueTEC diesel exhaust treatment (SCR))
- Engine 642, 651 in model 166
with code U77 (Diesel Emission control BLUETEC (SCR))

Shown on model 166.024

- 1 AdBlue® tank
1a Cover
2a Filler neck
2b Line
2c Line
2d Line
A103/1x1 AdBlue® tank module
electrical connector
A103/2x1 AdBlue® delivery module
electrical connector





















P14.40-2482-06



P14.40-2483-08

Shown on model 166.024

- | | | | |
|----|-------------------|----------|---|
| 1 | AdBlue® tank | 3h | Bracket |
| 1h | Retaining bracket | 4s | Fitting |
| 1s | Bolts | A103/1x4 | AdBlue® tank module pressure line heating element electrical connection 1 |
| 3 | Line | A103/2 | AdBlue® delivery module |

 Warning	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
 Caution	Risk of injury caused by scraping or cutting body parts on sharp vehicle parts	Always wear protective gloves when working on or near sharp and non-deburred vehicle parts. Deburr repair panels.	AS00.00-Z-0017-01A
	Notes on avoiding damage through contamination and foreign objects		AH00.00-P-5000-01A
	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
	Notes on use, material properties and handling of AdBlue®		AH14.40-N-0001-01A
	Remove/install		
1  WS  WS	Drain AdBlue® tank (1) 000 588 07 82 00 Filling unit 000 588 01 71 00 Extraction pump	 Engine 642 in model 292 with code U77 (Diesel Emission control BLUETEC (SCR)) Engine 642, 651 in model 166 with code U42 (BlueTEC diesel exhaust treatment (SCR)) Engine 642, 651 in model 166 with code U77 (Diesel Emission control BLUETEC (SCR)) AdBlue® tank	WS14.00-P-0014B WS14.00-P-0013B AR14.40-P-2014-02GQ *BF14.40-P-1001-01A
2	Remove the rear, right internal fender		AR88.10-P-1400GQ
	Clean		
3	Clean the filler neck (2a) and lines (2b, 2c) around the connecting points	 Dirt must not be allowed to find its way into the emission control system. Damage and malfunctions can occur otherwise.	
4	Unlock the filler neck (2a) and pull it off the hose fitting	 Seal exposed connections with suitable stop plugs or protective covers. Dirt must not be allowed to find its way into the emission control system. Damage and malfunctions can occur otherwise.  Set of protective covers  Record plug	*001589019100 *129589009100
5	Unlock the line (2b) and pull off the AdBlue® container (1)	 Seal exposed connections using suitable plugs. Dirt must not be allowed to find its way into the emission control system. Damage and malfunctions can occur otherwise.  Record plug	*129589009100
6	Unlock line (2c) and detach from line (2d)	 Seal exposed connections using suitable plugs. Dirt must not be allowed to find its way into the emission control system. Damage and malfunctions can occur otherwise.  Record plug	*129589009100
7	Release and disconnect AdBlue® (A103/1x1) tank module electrical connection and AdBlue® (A103/2x1) delivery module electrical connection		
8	Remove cover (1a) for AdBlue® container (1)		
9	Open the bracket (3h) and remove the line (3)	 Handle line (3) carefully. Otherwise the fitting (4s) on the AdBlue® delivery module (A103/2) may break off.	
10  WS  WS	Support AdBlue® container (1) 000 588 10 62 00 Support plate 000 588 11 62 00 Major assembly mount		WS26.00-P-3309B WS01.00-P-0092B

11	Remove the retaining bracket (1h) and unscrew the screws (1s)	Nut/bolt, AdBlue® tank to body	*BA14.40-P-1001-02A
12	Carefully lower the AdBlue® container (1) until electrical connection 1 for the AdBlue® tank module pressure line heater element (A103/1x4) is accessible 000 588 10 62 00 Support plate 000 588 11 62 00 Major assembly mount	Lower the AdBlue® container (1) by a maximum of 5 cm. Otherwise the fitting (4s) on the AdBlue® delivery module (A103/2) may break off.	WS26.00-P-3309B WS01.00-P-0092B
13	Release and disconnect AdBlue® (A103/1x4) tank module pressure line heating element electrical connection 1		
14	Unlock the line (3) and pull it off the fitting (4s) at the AdBlue® delivery module (A103/2)	Seal exposed connections using suitable plugs. Dirt must not be allowed to find its way into the emission control system. Damage and malfunctions can occur otherwise. Record plug	*129589009100
15	Lower and remove the AdBlue® container (1) 000 588 10 62 00 Support plate 000 588 11 62 00 Major assembly mount		WS26.00-P-3309B WS01.00-P-0092B
16	Install in the reverse order		
17	Connect the diagnostic system and write the AdBlue® container (1) fill level to the AdBlue® control unit (N118/5)	Engine 642, 651 in model 166 with code U42 (BlueTEC diesel exhaust treatment (SCR))	AD00.00-P-2000-04A

Exhaust aftertreatment, BlueTec

Number	Designation		Engine 642 with code U42 (BlueTEC diesel exhaust treatment (SCR))	Engine 642 with code U77 (Diesel Emission control BLUETEC (SCR))
BA14.40-P-1001-02A	Nut/bolt, AdBlue® tank to body	Nm	23	21

Exhaust aftertreatment, BlueTec


Number	Designation		Engine 651 in model 166, 204, 207, 212, 218, 221, 222 with code U42 (BlueTEC diesel exhaust treatment (SCR))	Engine 651 in model 166 with code U77 (Diesel Emission control BLUETEC (SCR))
BA14.40-P-1001-02A	Nut/bolt, AdBlue® tank to body	Nm	23	23

Filling capacity for BlueTEC (SCR) diesel exhaust treatment

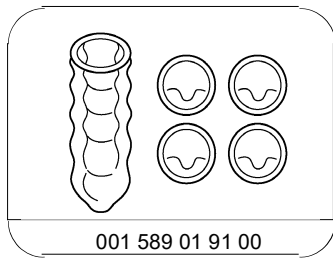
Number	Designation		Model 166.0 with code U42 (BlueTEC diesel exhaust treatment (SCR))	Model 166.0 with code U77 (Diesel Emission control BLUETEC (SCR))	
BF14.40-P-1001-01A	AdBlue® tank	Initial fill capacity	Liter	27,8	28,9
		Filling capacity - service filling	Liter	27	28,4
		Sheet		BB00.40-P-0352-01A	BB00.40-P-0352-01A

Filling capacity for BlueTEC (SCR) diesel exhaust treatment

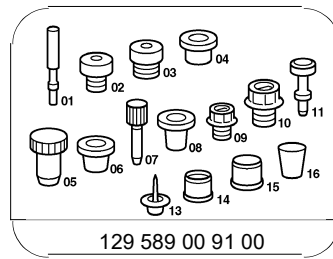
Number	Designation			Model 166.8 with code U42 (BlueTEC diesel exhaust treatment (SCR))	Model 166.8 with code U77 (Diesel Emission control BLUETEC (SCR))
BF14.40-P-1001-01A	AdBlue® tank	Initial fill capacity	Liter	32,3	33,9
		Filling capacity - service filling	Liter	30,7	33,4
		Sheet		BB00.40-P-0352-01A	BB00.40-P-0352-01 A

 Filling capacity for BlueTEC (SCR) diesel exhaust treatment

Number	Designation			Model 292 with code U77 (Diesel Emission control BLUETEC (SCR))
BF14.40-P-1001-01A	AdBlue® tank	Initial fill capacity	Liter	28,9
		Filling capacity - service filling	Liter	28,4
		Sheet		BB00.40-P-0352-01 A



Set of protective covers



Record plug