

**REP-REP-RAE9016-1619070 Drawing off and filling SCR reservoir**

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VIN: XXXXXXX Vehicle: 3/E90/SEDAN/335d/M57/AUTO/USA/LL/2010/10

System 3.42.40.11060 Data R3.42.40.11060

Version: Version:

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16 19 070

**Drawing off and  
filling SCR  
reservoir****Important!**

Ensure adequate ventilation in the workbay!

Avoid skin contact (wear gloves)!

Avoid eye contact (safety goggles)!

Urea/water mixture can escape when components carrying urea/water mixture are released. Have a collecting vessel ready.

Observe country-specific waste disposal regulations.

**Important!**

Maintain conditions of absolute cleanliness.

Connections and covers of lines carrying urea/water mixture must be cleaned thoroughly with water after each removal or before each installation!

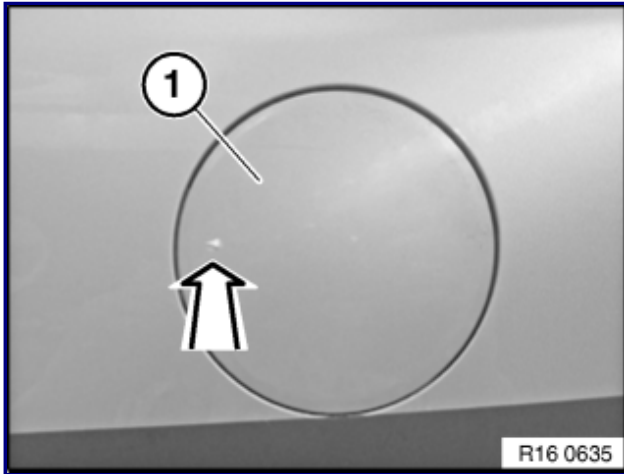
Thoroughly clean the working area with water after repair work.

Use fluff-free cloths for cleaning (see ETP Electronic Parts Catalogue WAYPALL L20 cleaning cloths).

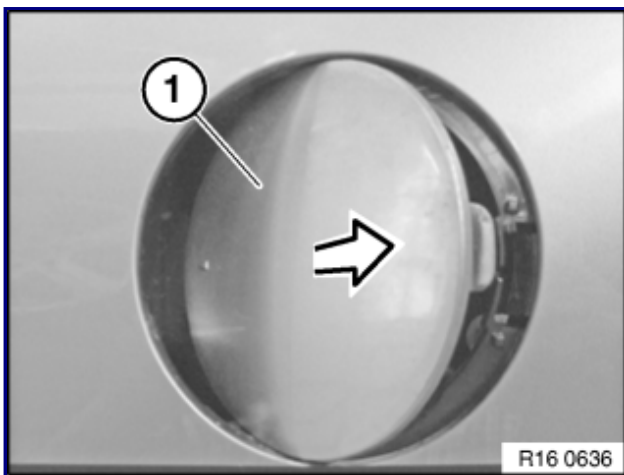
Close connections and lines!

Thoroughly clean special tool with

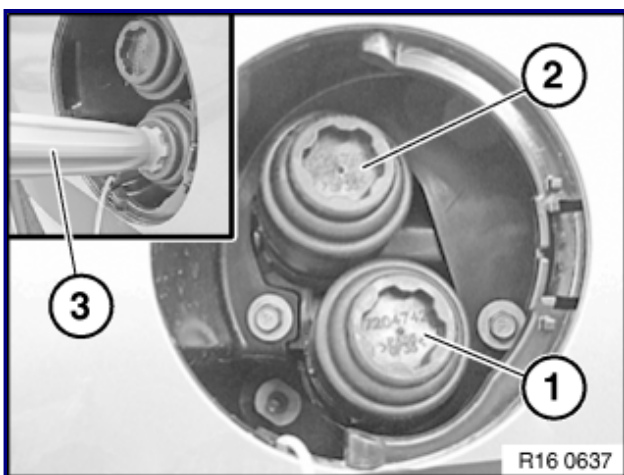
water after each use.



Press filler connection cap (1) into rear left bumper trim.



Pull off filler connection cap (1) in direction of arrow.



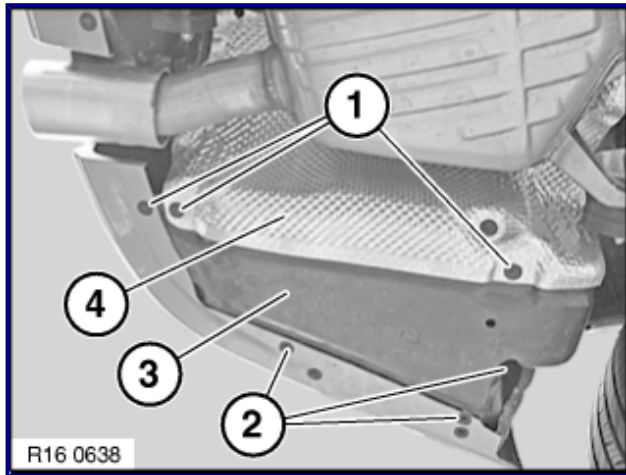
Drawing off active reservoir:

- Open active reservoir filler connection (1); if necessary, use screwdriver handle (3) from on-board tool kit.

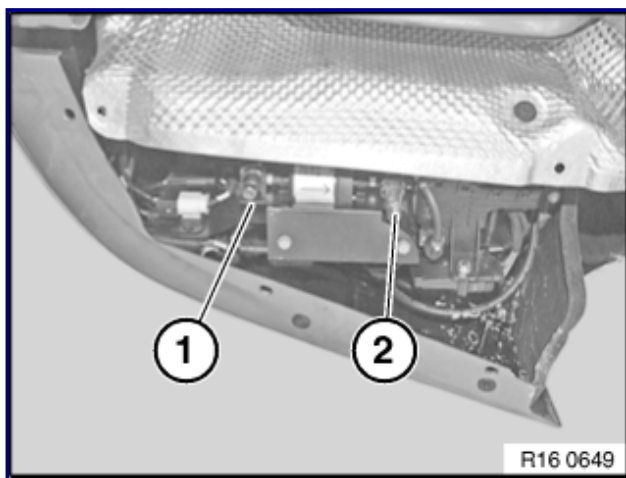
Drawing off passive reservoir:

- Open passive reservoir filler connection (2); if necessary, use screwdriver handle (3) from on-board tool kit.

Release screws (1 and 2).



Press thermal insulation (4) to one side slightly and feed out cover (3).



### Important!

Before starting up urea/water mixture extractor unit:

Read unit manufacturer's operating and safety instructions.

Drawing off active reservoir:

- Detach cover cap (1) from active reservoir suction line.

Drawing off passive reservoir:

- Detach cover cap (2) from passive reservoir suction line.

### Installation note:

Clean cover caps (1 and 2) with water.

Check by pulling correct engagement of cover caps (1 and 2).

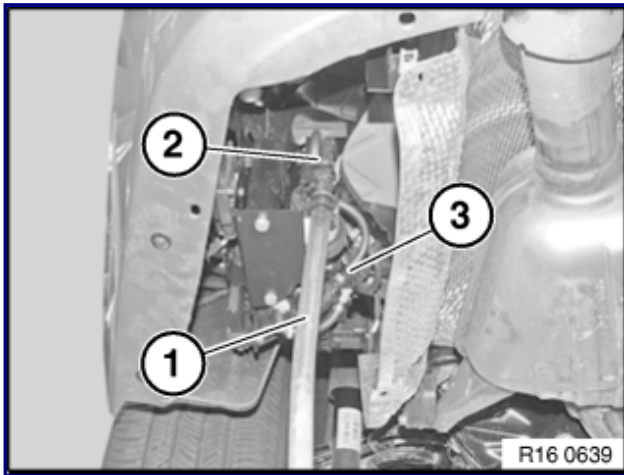
Drawing off active reservoir:

- Connect urea/water mixture suction unit (1) (see BMW Service Workshop Equipment) to active reservoir suction line (2)

Draw off urea/water mixture

Drawing off passive reservoir:

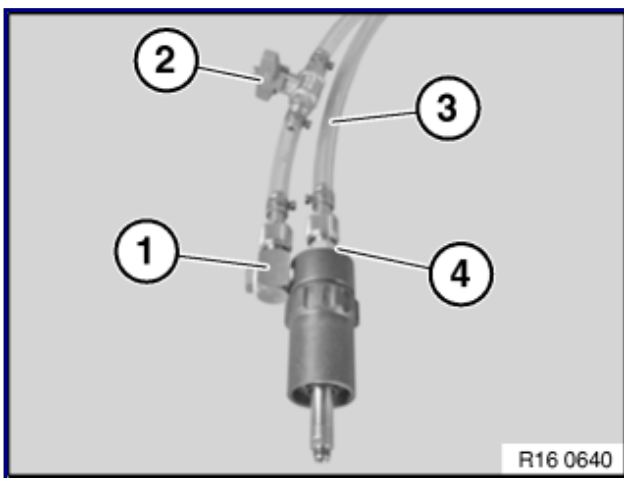
- Connect urea/water mixture suction unit (1) (see BMW Service



Workshop Equipment) to passive reservoir suction line (3)

Draw off urea/water mixture

Thoroughly clean suction unit (1) with water after drawing off urea-water mixture.



### Important!

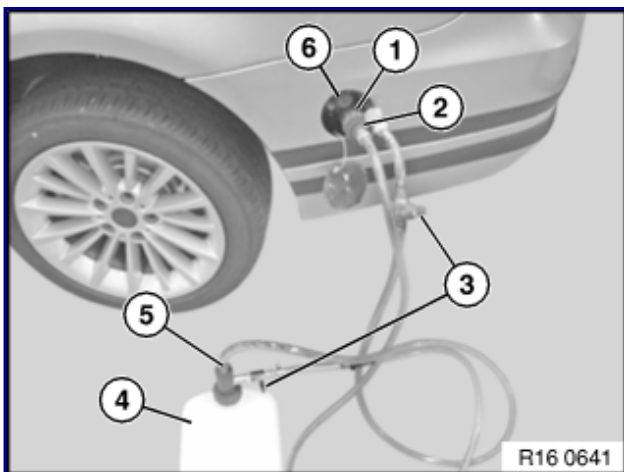
Before starting up urea/water mixture filler unit:

Read unit manufacturer's operating and safety instructions.

Filling active and passive reservoirs:

Connect filler connection (1) to filler line (2).

Connect vent line (3) to connecting piece (4).



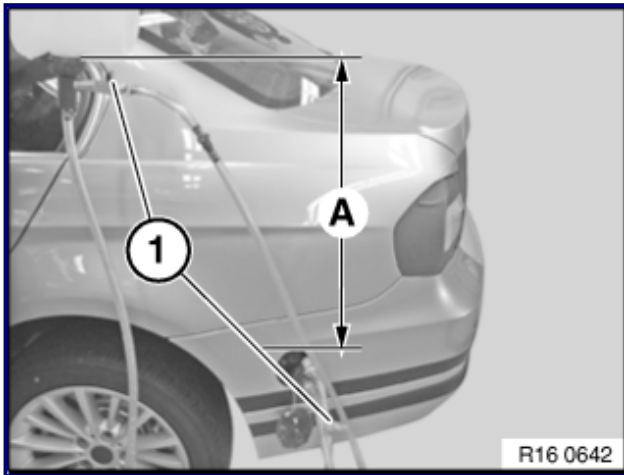
Filling active reservoir:

- Connect filler unit (2) to lower active reservoir filler connection (1)
- Stop cock (3) is closed
- Connect filler connection (5) to urea/water mixture reservoir (4)

Filling passive reservoir:

- Connect filler connection (2) to upper passive reservoir filler connection (6)
- Stop cock (3) is closed
- Connect filler connection (5) to urea/water mixture reservoir (4)

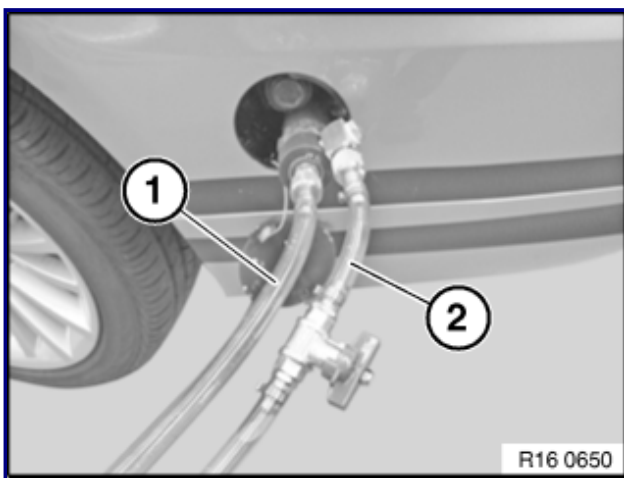
Establish height difference (A) between



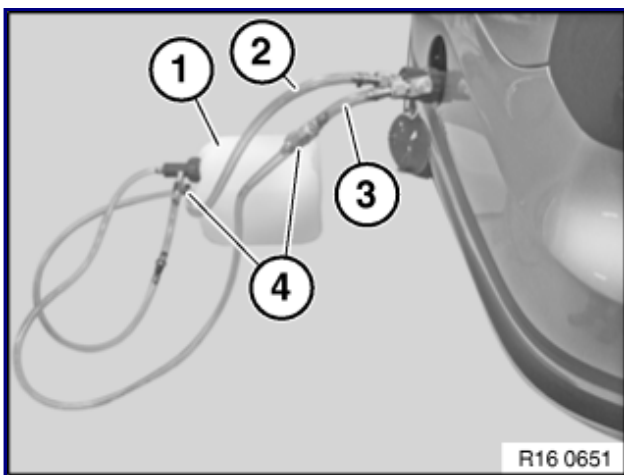
urea/water mixture reservoir and SCR reservoir filler connection.

Open stop cocks (1). Stop cocks point in flow direction.

SCR reservoir is filled. Observe [capacities](#).



The SCR reservoir is overfilled if the urea/water mixture in the vent line (1) rises to the same level as in the filler line (2).



Set urea/water mixture reservoir (1) down on floor.

The excess urea/water mixture filled flows back through vent line (2) and filler line (3) into the reservoir.

Close stop cocks (4) when no more liquid flows through lines (2 and 3). Stop cocks point at right angles to direction of flow.

Disconnect filler unit from filler connection.

After use, clean filler unit thoroughly with water.