

## SIMPLY REFILL AND REDUCE EMISSIONS.



Your diesel engine must be regularly refilled with AdBlue® fluid to function smoothly. You can simply fill the AdBlue® tank yourself. If needed your BMW Service Partner will be more than happy to help.

### An overview of the main facts:



- From **2,400 km** the remaining range is shown in the Control Display. You can also have the current remaining range and refill quantity displayed at any time (Vehicle information > Vehicle status > AdBlue).

- The maximum range of a tank of AdBlue® will depend on your personal driving style and is usually approximately 15,000 km.
- A refill of AdBlue® fluid is required as soon as the reserve display appears on the instrument panel. Please refill the fluid yourself or contact your BMW Service Partner and arrange a refill appointment.
- The AdBlue® filler neck is to be found underneath the fuel filler flap or in the engine compartment, depending on the BMW diesel model.

**Important: Remember to refill AdBlue® in time. If the tank is empty, the automobile cannot be restarted after parking.**

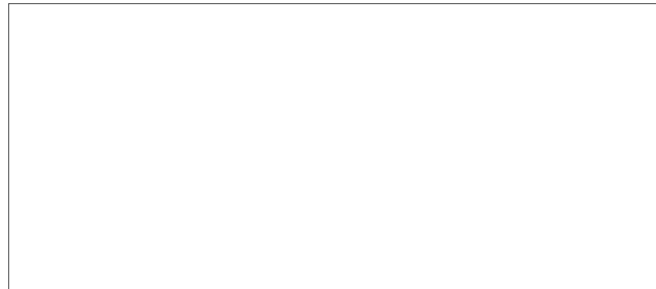
## YOUR BENEFITS WITH BMW BLUE PERFORMANCE:

- Drive one of the cleanest diesel automobiles in the world.
- BMW BluePerformance with AdBlue® consistently reduces nitrogen oxide emissions for a minimum of environmental impact.
- Your automobile already meets the strict EU6 exhaust standard which comes into effect for all newly registered diesel automobiles as of 2014.

### Warnings on how to handle the AdBlue® fluid.

- Remember to refill AdBlue® in good time: a sign in the Control Display gives due notice to remind you. If the AdBlue® tank is empty, the automobile cannot be restarted after parking. This can result in potential safety hazards.
- Store AdBlue® out of reach of children.
- Avoid direct skin contact with the AdBlue® fluid as well as contact with the external surfaces of the automobile. Otherwise it can cause irritations of the eyes and skin as well as damaging surfaces.
- If you pour the wrong fluid (e.g. antifreeze) into the AdBlue® tank, do not start the engine. There is a risk of fire. Contact your BMW Service Partner.

**If you have any questions on BMW BluePerformance or AdBlue®, please consult your BMW Service Partner or find out more at: [www.bmw.nsc/blueperformance](http://www.bmw.nsc/blueperformance)**



# BMW Service



## BMW BLUE PERFORMANCE.

### DRIVE ONE OF THE CLEANEST DIESEL AUTOMOBILE IN THE WORLD.

**BMW EfficientDynamics**  
Less emissions. More driving pleasure.

## REDUCED NITROGEN OXIDE THANKS TO BMW BLUE PERFORMANCE.

BMW BluePerformance Technology reduces the nitrogen oxide (NOx) produced by the diesel engine to a minimum. This does not affect the actual combustion process, so the engine's high level of efficiency is preserved.

Thanks to BMW BluePerformance Technology, numerous BMW diesel models already meet the EU6 exhaust standard requiring a reduction of nitrogen oxide emissions - which will be a requirement for all newly registered diesel automobiles as of 2014.

Some BMW models also have another feature to reduce nitrogen oxide: the SCR catalytic converter (SCR = selective catalytic reduction) with AdBlue® injection. A chemical reaction triggered by injection of the urea solution AdBlue® ensures that nitrogen oxide emissions are significantly diminished.



**BMW BluePerformance Technology is an important component of BMW EfficientDynamics, which is dedicated to significant reduction of fuel consumption and emissions while also increasing power and driving pleasure.**

## REFILL AD BLUE TANK YOURSELF. TANK NEXT TO FUEL TANK.

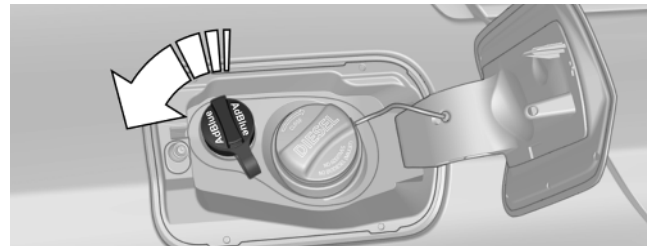
You can fill your AdBlue® tank yourself. Please note the instructions below and also read the owner's manual for your model to find out more about BMW diesel with BluePerformance.

### The correct AdBlue®.

- AdBlue® to norm ISO 22241-1.

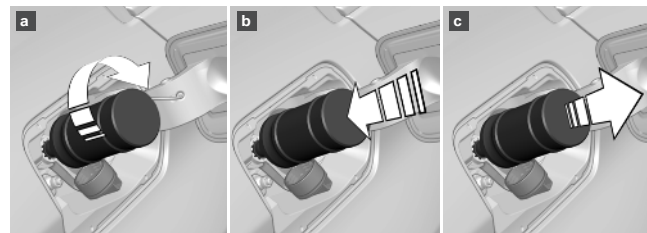
### Tank for AdBlue® fluid:

The filler neck for the fluid is to be found next to the fuel tank in BMW 5 Series models, for example.



### How to refill:

1. Open filler flap.
2. Turn tank cap anticlockwise and remove.
3. Hold up fluid container and twist as far as it will go (Fig. **a**).
4. Press container down (Fig. **b**). The automobile's AdBlue® tank is now filled. The tank is full when the level in the container remains the same. It is not possible to pour in too much fluid. The container does not drip.
5. Withdraw container and unscrew to remove (Fig. **c**).
6. Replace cap and turn clockwise.
7. Close filler flap.



## REFILL AD BLUE TANK YOURSELF. TANK IN ENGINE COMPARTMENT.

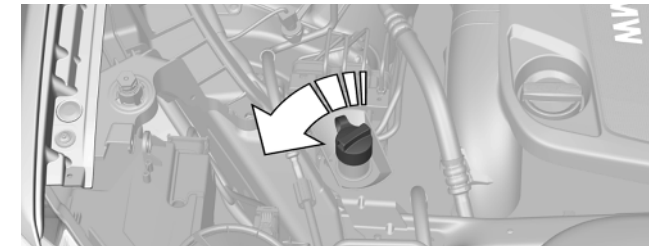
You can fill your AdBlue® tank yourself. Please note the instructions below and also read the owner's manual for your model to find out more about BMW diesel with BluePerformance.

### The correct AdBlue®.

- AdBlue® to norm ISO 22241-1.

### Tank for AdBlue® fluid:

The filler neck for the fluid is located in the engine compartment of the BMW X5, for example.



### How to refill:

1. Open engine compartment.
2. Turn tank cap anticlockwise and remove.
3. Hold up fluid container and twist as far as it will go (Fig. **d**).
4. Press container down (Fig. **e**). The automobile's AdBlue® tank is now filled. The tank is full when the level in the container remains the same. It is not possible to pour in too much fluid. The container does not drip.
5. Withdraw container and unscrew to remove (Fig. **f**).
6. Replace cap and turn clockwise.
7. Close engine compartment.

