

# Installation instruction do88 performance Intercooler for BMW 135i 335i E9X E82/E88

Part number: ICM-350

This instruction shows how to  
replace the OEM intercooler with  
do88 performance intercooler.

At this type of installation we always  
recommend that you have  
mechanical experience and  
knowledge about safety during work  
on vehicles.



## Parts included:

1. do88 Performance Intercooler
2. Intercooler inlet silicone hose
3. Intercooler outlet silicone hose
4. J-pipe (charge pipe)
5. Plastic air guide
6. 4pcs Hose clamps
7. 2pcs Torx T30 thermo plastic
8. 4pcs Phillips sheet metal screws
9. 2pcs M6 washers'
10. Zip-tie

This installation instruction are based on our installation performed on a BMW 335(x)i E91 Automatic 2011 . Other vehicles this product fit to might have some differences in the installation procedure.



1. Remove both front wheels.



2. Remove both head light washer covers. Gently pull the cover straight up then pry the tabs free from the washer nozzle.



3. Remove both front inner fenders.  
9x Hex 8mm screws and  
1x Hex 10mm plastic nut.



5. Remove 2x Hex 8mm Screws in each upper corner of the bumper on both sides.



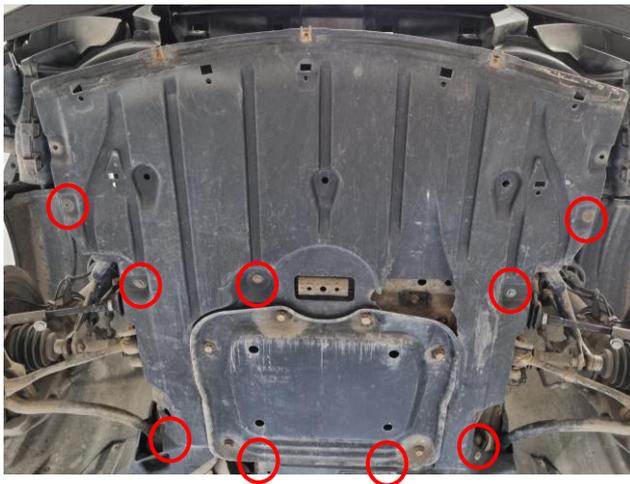
6. Remove 3x Hex 8mm screw along the bottom of the front bumper.



7. Remove 4x Torx T30 screws along the top of the bumper.



8. Now remove the front bumper and then remove 9x Hex 8mm screws from the "under engine cover" and then remove this cover.



9. Remove the intercooler.
- Loosen hose clamp on the right side towards the pipe
  - Disconnect the left pipe plastic charge pipe
  - Remove 2x Torx T25 screws.



**10.** Remove the intercooler outlet charge pipe. Loosen 1x hose clamp.



**11.** Trim the plastic according to the marked areas on the photos below. Not you will need to relocate the ambient temperature sensor marked on the right-side photo (Fasten it with the included zip-tie).



- 12.** Remove the small plastic trim at the bottom right corner of the radiator. Also remove the sealing along the bottom of the radiator.



- 13.** Now install the do88 intercooler in the car.
- First put the intercooler inlet silicone hose on the turbo outlet charge pipe.
  - When lifting the intercooler into place make sure the lip on the right-side intercooler tank is front of the plastic tab.  
On the left-side intercooler tank this lip should slide into the slot in the plastic bracket.
  - Fasten the intercooler with the included Torx T30 thermo plastic screws and washers.

Right-side seen from the front.



Left-side seen from the front.



14. Attach the included plastic air guide. Fasten it as on the photo\* below with the included sheet metal screws. You can access the screws if you pry out the air guide behind the kidney grill.

\* Photo is for illustration purpose taken outside vehicle.



15. Remove the fresh air channel to the air filter box. 2x Torx T20 screws.



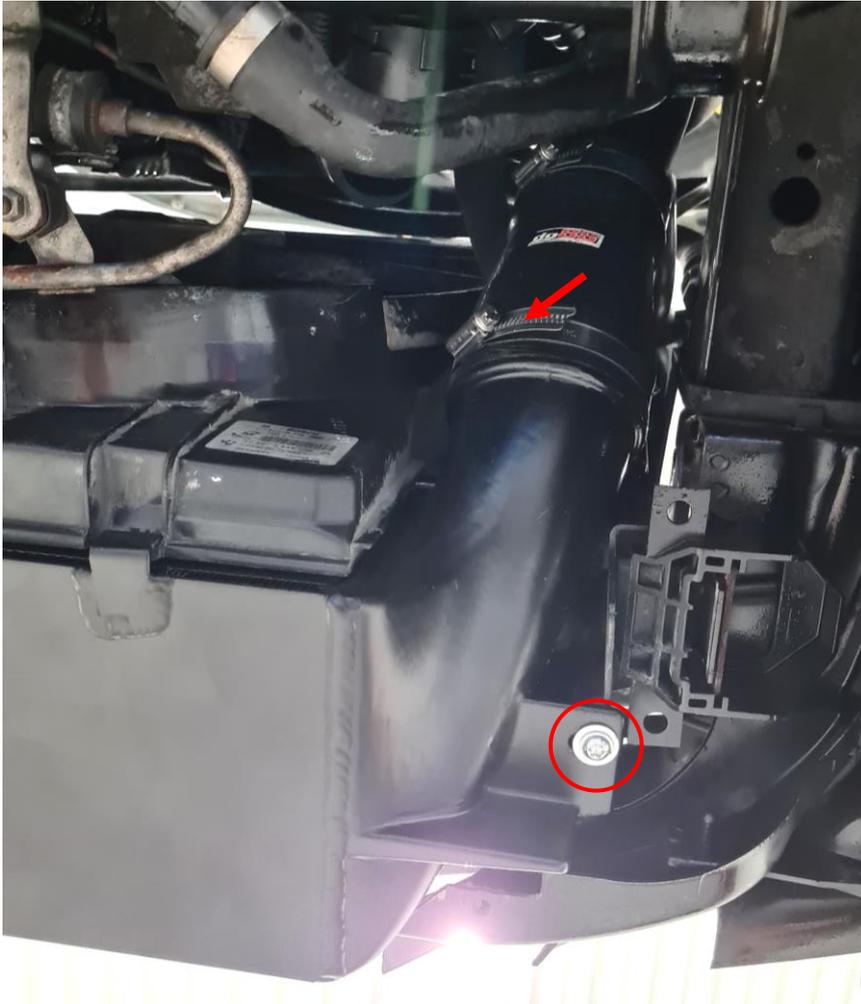
16. Remove the charge pipe screw 1x Torx T30.



17. Attach the included intercooler outlet silicone hose on the intercooler. Then install the included aluminum charge pipe from the top (red on this photo).



**18.** Tighten the four included hose clamps.  
*Note that on the intercooler inlet hose you may need to loosen the intercooler mounting screw on the right side slightly to be able to install the clamp.*



**19.** Reinstall all other parts in reverse order.

