## Installation instruction do88 performance intercooler outlet pipe for BMW M3 M4 F8X



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

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 Intercooler outlet pipe
- 2. Silicone hose
- 3. 2pcs hose clamp black, 80-100mm
- 4. 2pcs methanol blanking
- 5. Zip tie
- 6. 2pcs silicone caps, 10mm & 16mm
- 7. Locking clip



1. Remove 3x hex 10mm plastic locks by turning them 90 degrees counterclockwise.

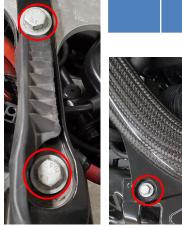
Do this on both sides of the car.



Remove this plastic clip with the help of a flathead screwdriver on both sides.
Remove plastic covers.



Remove 8x hex 13mm screws to the carbon fiber Strut brace, mounted across the engine.

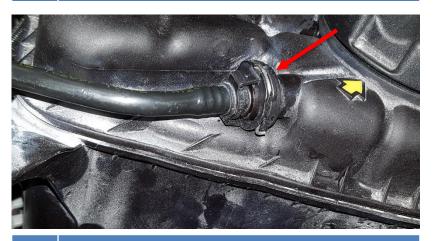




Remove 1x hex 10mm screw from bracket to coolant reservoir and remove the carbon fiber Strut brace from the vehicle.

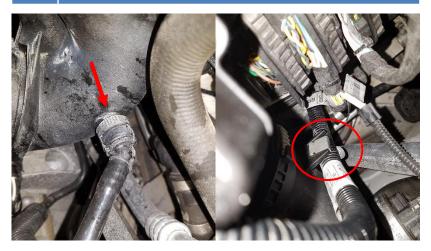


On the Coolant reservoir you'll find a plastic line.
Loosen the clip for the plastic coolant line and separate from reservoir, use the included silicone caps to plug both connections.

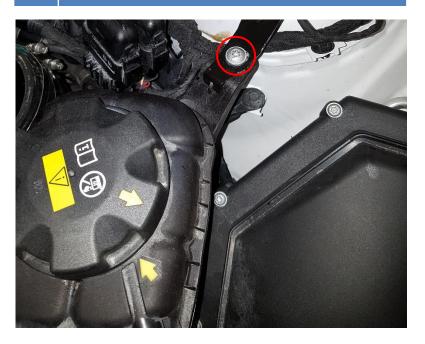


7. Disconnect the plastic hose and the cable secured on the intercooler outlet pipe.

Secure the cable with the included zip tie.



Remove 1x Torx T30, which will make the coolant reservoir able to move, strap it to a safe place, be careful of the connector and the coolant hose underneath.

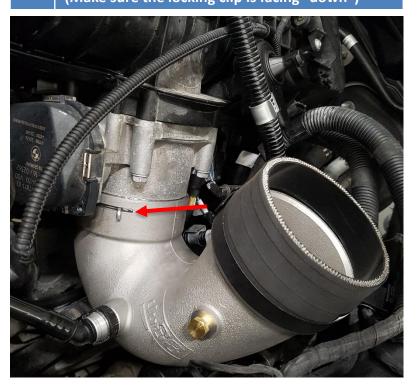


8. Use a flat screwdriver and gently pry the white tab up from its groove then use your fingers to pull the white plastic locking strip out.
Remove 1x 6mm hose clamp located on the intercooler hose.
Remove the plastic intercooler outlet pipe.
Gently remove the O-rings from the OEM pipe and install them in the do88 intercooler outlet pipe. (You can use a little bit of engine oil on the o-ring for easier installation)



10. Use the included hose clamp to secure the do88 hose to the intercooler outlet pipe and intercooler.

First install the do88 intercooler outlet pipe without the included locking clip.
 Rotate the pipe and install the locking clip as shown on picture.
 (Make sure the locking clip is facing "down")



**11.** Re-install all other parts in reverse order.

