



## INSTALLATION INSTRUCTIONS

MAKE: BMW  
MODEL: 335i (F30)  
YEAR: 2012-2015  
ENGINE: L6-3.0L (t) N55

**Cold Side**  
**Intercooler Tube**  
**46-20239-B (Black)**



### Parts Included:

- Intercooler Tubes (x2)
- Coupling (x1)
- Clamps (x2)
- O-Ring (x2)
- Screws (x2)
- Plugs (x2)

### Tools Needed:

- 7mm & 8mm sockets
- Ratchet
- 13mm Wrench
- T20 Torx Socket
- Flat head screwdriver
- Grease

**CAUTION:** Allow time for your vehicle to cool down prior to installation. When working on or under your vehicle proceed with caution. Exhaust systems reach high temperatures and may cause serious burns. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation. aFe recommends professional installation on our products.

1. Park vehicle on level ground and engage parking brake.
2. Loosen the clamp that connect the intake tube to the turbo inlet tube, using a 7mm socket.
3. Disconnect the MAF sensor on the intake tube.
4. Disconnect the vacuum line connected to the intake tube by depressing both sides and pulling up.
5. Now you can remove the air box and intake tube from the vehicle by pulling straight up on it.
6. Disconnect the MAP sensor and the vacuum line from the intercooler tube.
7. Remove the clip securing the intercooler tube to the throttle body and disconnect the intercooler tube from the engine.
8. Disconnect the intercooler tube from the mounting grommet and remove grommet mount from the engine using a 13mm wrench.
9. Remove the belly pan underneath the front of the vehicle using an 8mm socket.
10. Disconnect the intercooler tube on the drivers side by using a screwdriver to lift the clip up to disconnect the intercooler tube from the intercooler.
11. Now you can remove intercooler tube from the vehicle from the top.  
**Note: You will need to bend the intercooler tube quite a bit to get it out of the vehicle, it will not break.**
12. Remove the MAP sensor from the tube using a T20 Torx socket.
13. Looking down into the stock intercooler tube at the intercooler connection side you will need to pull the black plastic housing upwards where it goes through the metal portion of the tube to remove it from the tube. The clip will be reused with the aFe intercooler tube.
14. Install the supplied O-rings into the groove on the inside of each aluminum adapter of the aFe intercooler tubes and the factory MAP sensor from step 12 with the supplied bolts.  
**Note: Use a small amount of grease on the O-rings to prevent them from tearing and for ease of installation.**
15. Install the plugs supplied into the sensor ports on the aFe intercooler tube, be sure to seal the threads using teflon tape or some type of thread sealant.
16. Install the clip from step 13 onto the smaller intercooler tube then place it into the proper location in vehicle from the top and clip it into the intercooler from underneath the vehicle.  
**Note: Be sure to install the clip with the open portion of it at the notch at the edge of the tube. The notch is for the guide pin at the top of the outlet of the intercooler.**
17. Install one (1) clamp and the coupling onto second portion of the intercooler tube, and the last clamp onto the lower tube from the previous step.
18. Install the upper tube into the vehicle, connect it to the lower tube and to the throttle body, then install the clip to secure it to the throttle body, do not tighten the clamps at this time.
19. Reconnect the MAP sensor and the vacuum line to the aFe intercooler tube.
20. Ensure the tube is not touching any metal surfaces then tighten the clamps from step 17 from underneath the vehicle with an 8mm socket.
21. Reinstall the air box, reconnect MAF sensor and vacuum line onto intake tube.
22. Tighten intake tube using 7mm socket.  
Installation is now complete.

Enjoy and thank you for choosing aFe Power!