

# 7B2212 - BMW N55 Charge Pipe

## B2210 – BMW N55 Charge Pipe

135i 2011-2012  
135is 2013  
335i 2011  
335i xDrive 2011



Congratulations on your purchase of the COBB Tuning BMW N55 Charge Pipe! The following instructions will assist you through the installation process. Please read them BEFORE beginning the install to familiarize yourself with the steps and tools needed. If you feel you cannot properly perform this installation, we HIGHLY recommend you take the vehicle to a qualified and experienced automotive technician.

**IMPORTANT!** Installing this kit will require custom tuning or utilizing an appropriate Stage Power Package map if you have a matching mechanical configuration. Please consult with COBB or an authorized ProTuner in your area if you have any questions!

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## Parts List

- N55 Charge Pipe
- 2.5" - 3" Silicone Reducer
- 048 Hose Clamp
- 040 Hose Clamp
- (2) Socket Head Cap Screws
- (2) Lock Washers
- (2) Flat Washers

## Tools Needed

- Phillips head screwdriver
  - Flathead screwdriver
  - 3/8" ratchet
  - 3/8" 7mm socket
  - 3/8" 8mm socket
  - 3/8" 10mm socket
  - 3/8" T20 Torx Bit
  - 3/8" T30 Torx Socket
  - 3/8" 5mm Hex Key or Hex Socket
  - Pick
  - Engine Assembly Lube or Similar
  - Silicone Lubricant (optional)
  - 3/8" 12" extension
  - 3/8" 6" extension
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## Removal of the Stock Charge Pipe

1. Start off by loosening the hose clamp that connects the intake to the turbo inlet.



2. Remove the 3 rubber wire holders from the rear of the airbox.



3. Detach the air scoop from the airbox by disengaging the nub from the plastic retainer (1 on each side)

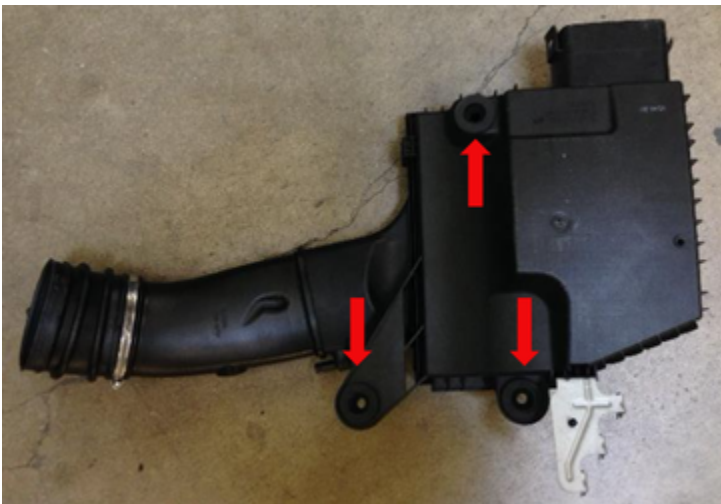


4. Unplug the MAF Sensor



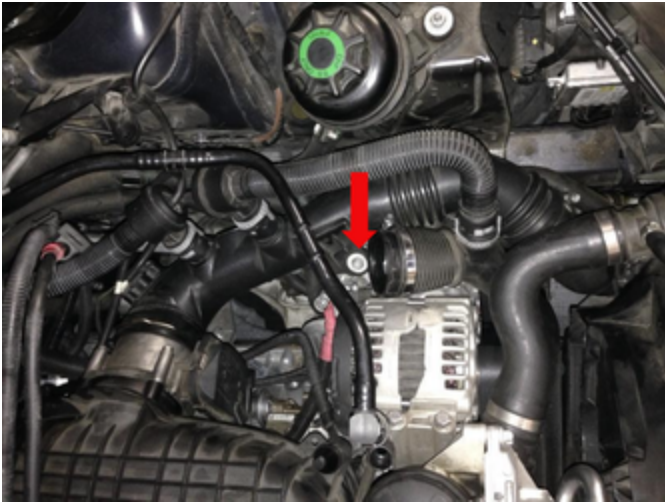


5. Pull up on the airbox to remove it. There are 3 rubber retainers holding the airbox to the engine.



6. Unscrew the T30 Torx screw that holds the charge pipe to the motor





7. Loosen the hose clamp between the charge pipe and the intercooler pipe using a 10mm socket.



8. Remove the c-clip that holds the charge pipe to the throttle body with a screwdriver. Take great care not to lose it as BMW doesn't like selling these individually and they are difficult or expensive to otherwise source.





9. Disconnect the wire harness from the MAP sensor on the back of the charge pipe. It may be easier to pull the charge pipe off of the throttle body and intercooler pipe in order to get to the clip.



10. With the charge pipe removed from the engine bay, remove the stock o-ring from the charge pipe using a pick. Be careful not to puncture or rip the o-ring with the pick as you will be reusing this o-ring on the COBB Charge Pipe.



11. Using a T20 Torx bit, remove the MAP sensor from the stock charge pipe. It will be reused on the COBB Charge Pipe so set it somewhere safe and take care not to damage the sensor end.



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## COBB Charge Pipe Installation

1. Install the stock MAP sensor into the COBB Charge Pipe using the supplied socket head cap screws, lock washers and flat washers. Tighten using a 5mm hex key.





2. Install the stock o-ring into the COBB Charge Pipe. At this time it's a good idea to apply some assembly lube or similar on the o-ring to keep it from tearing during installation and to keep it in place.



3. Install the silicone reducer onto the charge pipe with the 048 hose clamp, and tighten using an 8mm socket.





4. Install the COBB Charge Pipe on the car first making sure the throttle body section is seated properly. The throttle body side is typically going to be the most common place to see leaks from improper installation so make sure it is all the way in place and seated properly before moving on. Once seated install the stock c-clip in the same orientation used on the stock charge pipe.



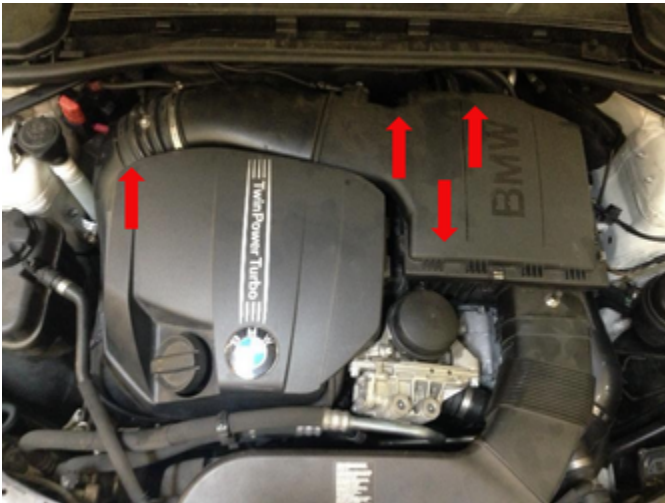
5. Reconnect the MAP sensor to the harness



6. Slide the silicone reducer over the aftermarket or stock intercooler pipe and tighten the 040 hose clamp using an 8mm socket or nut driver.



7. Reinstall the factory intake by reconnecting and fastening the inlet tube and pressing down on the airbox to seat the 3 rubber retainers.



8. Reattach the 3 rubber cable holders to the airbox.



9. Reconnect the MAF sensor.



10. Reconnect the air scoop to the airbox.



11. Download and/or install the appropriate OTS map using your COBB Accessport.

12. Congratulations! You have completed the installation of the COBB N55 Charge Pipe for your BMW. Go out and enjoy!

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## Links

[BMW Installation Instructions](#)

Main Installation Instruction Repository for Subaru Parts

[BMW CALIBRATION SUPPORT](#)

Link to Subaru Map Notes to see what map you should be on given the parts you've added

## Contact Us:

**COBB Customer Support**

Web Support and Tech Articles: [COBB Tuning Customer Support Center](#)

Email: [support@cobbtuning.com](mailto:support@cobbtuning.com)

Phone support available 9am to 6pm Monday-Thursday. 9am to 4pm Friday (CST)

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