



## INSTALLATION GUIDE

CTS Turbo BMW N54  
Chargepipe - Stock DV  
CTS-IT-910



20630 Mufford Crescent, Unit #309  
Langley, British Columbia V2Y 2V9

[www.CTSTURBO.com](http://www.CTSTURBO.com)

**WHAT IS INCLUDED**

1. Chargepipe
2. Silicone Couplers
3. Hose clamps

**TOOLS REQUIRED**

1. Flat blade screwdriver
2. 6mm, 8mm, 10mm Sockets
3. T-20, T-30 torx
4. 3mm Allen
5. Needle Nose pliers
6. Snap Ring Pliers
7. Pick

**NOTES**

Vehicle used in this guide is a 2008 BMW 135i. Always make sure the car is safe to work on. Do not work on a hot motor. We do not accept any liability for incorrect installation or damage during the install.

### STEP 1

Begin by removing your air scoop and stock intake or intake kit to gain access to the charge pipe.



### STEP 2

Remove the cabin air filter housing from the cowl panel by unscrewing the six 8mm self threading screws.



**STEP 3**

Remove the brake master cylinder cover by sliding out the rubber seal and releasing the retaining tabs.

**STEP 4**

Remove the passenger side cowl the same way.



**STEP 5**

Remove the two 8mm bolts on either side of the cowl.

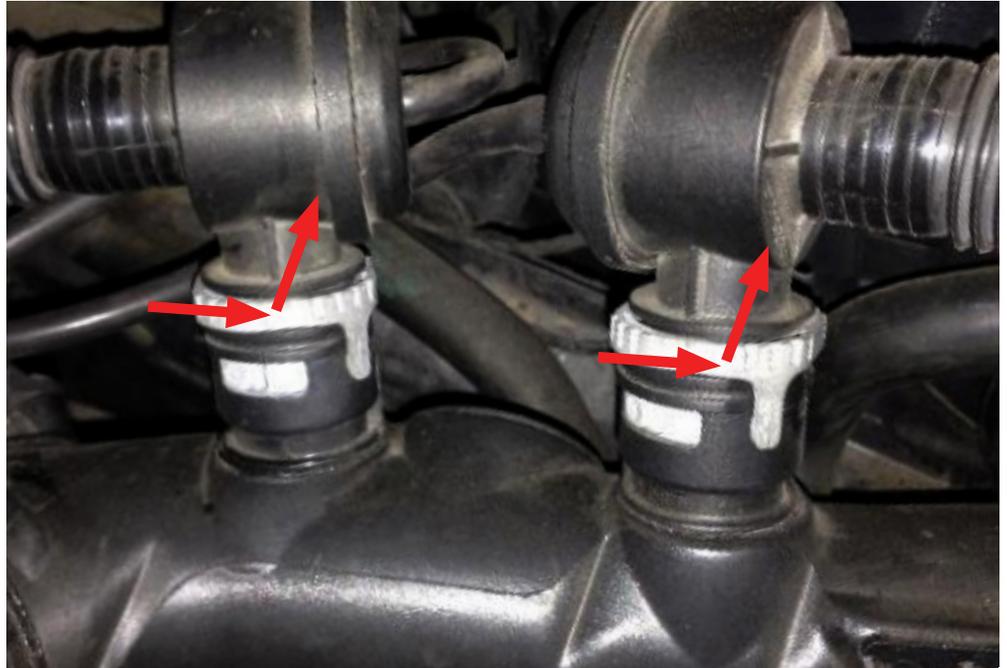
**STEP 6**

Use a flathead screwdriver to release the plastic rail holding the battery cables.



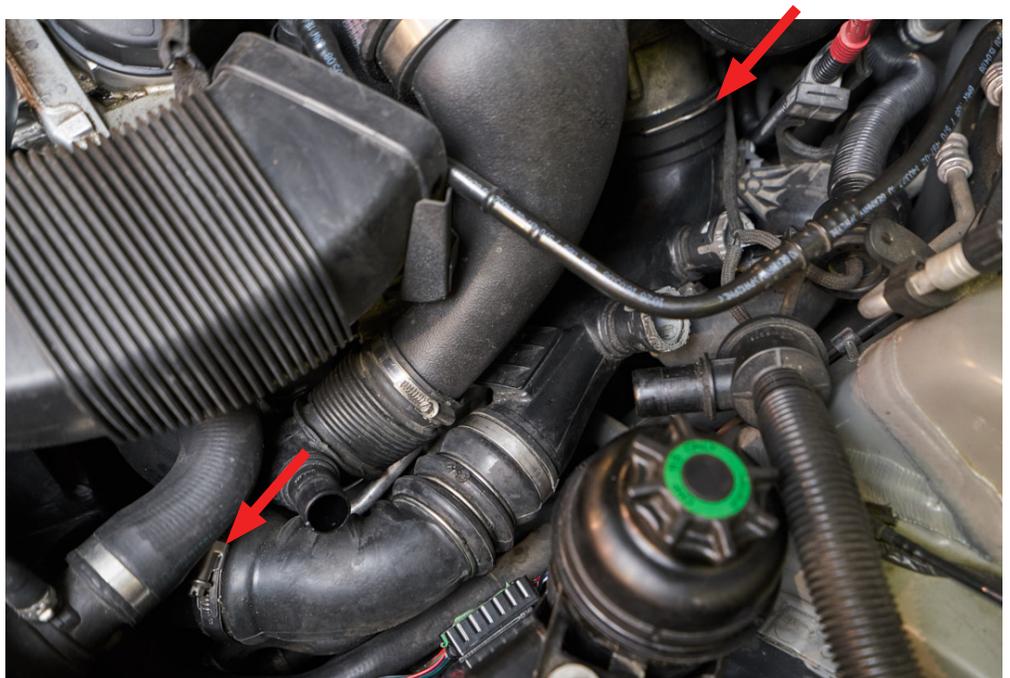
**STEP 7**

Unclip the two bypass valves on the stock charge pipe.

**STEP 8**

Use a 10mm socket to loosen the hose clamp on the intercooler pipe

Use a flathead screwdriver to remove the clip on the throttle body side.



**STEP 9**

Remove the stock charge pipe from the engine bay.

There is a MAP sensor you will need to unclip.

**STEP 10**

Transfer the o-ring and the C clip from the stock pipe to the new charge pipe.



**STEP 11**

Transfer the map sensor to the new chargepipe using a T20 Torx.

**STEP 12**

Install the silicone reducer on the intercooler outlet with the supplied hose clamps.

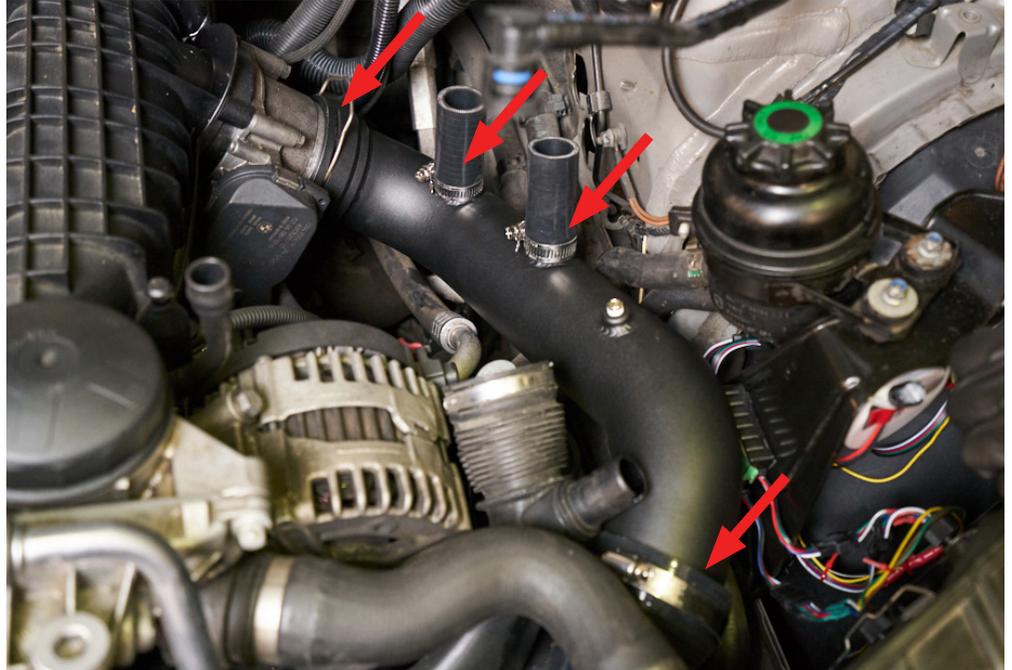


**STEP 13**

Install the silicone couplers on to the two bungs on the charge pipe.

Install the CTS Turbo Charge pipe beginning with the throttle body side.

Reconnect the MAP sensor.

**STEP 14**

Install the stock bypass valves onto the charge pipe using the supplied hose clamps.

Reinstall your intake and cabin air filter housing and you are done!

