



# Installation Instruction

Performance Charge Pipe

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BMW Z4 M40i G29 / Toyota GR Supra A90

B58 Gen2

PART NUMBER: TR-390



## Description

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

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

## Parts List

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- 2pc do88 Performance Charge pipes
- 1pc do88 Performance Silicone hose
- 2pc Hose clamps with inner-ring
- 1pc M6x16 Screw



## Step 1

Remove the engine cover.



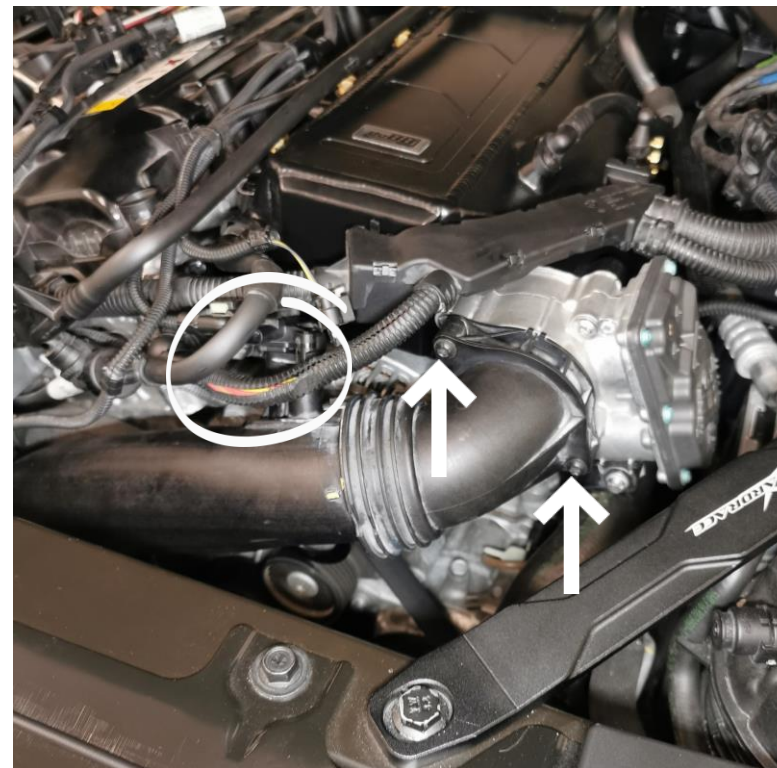
## Step 2

Disconnect the air mass meter electrical connection, loosen the hose clamp that holds inlet hose to air box and separate the hose from the air box. Then remove the air box by pulling upwards.



### Step 3

Disconnect the EVAP hose from the left side of the inlet hose and the cable clip from the bottom right. Then you can rotate the inlet pipe and remove the clip holding it in place. Remove the inlet pipe from the turbo inlet adapter.



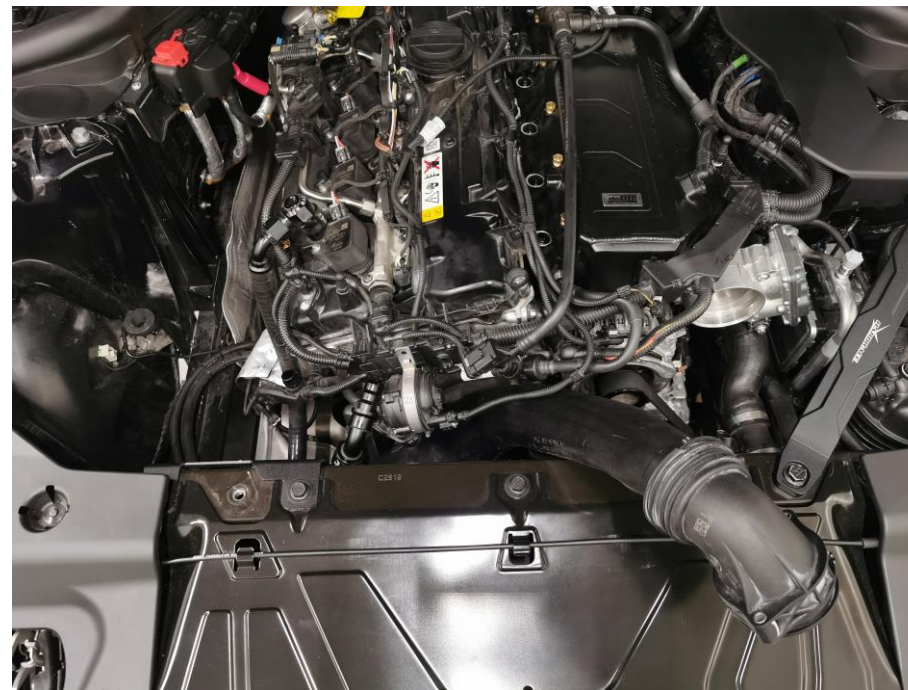
### Step 4

Disconnect the electrical connections from the two sensors located in the top of the charge pipe. Then remove the 2 x T30 holding the pipe to the throttle body.



## Step 5

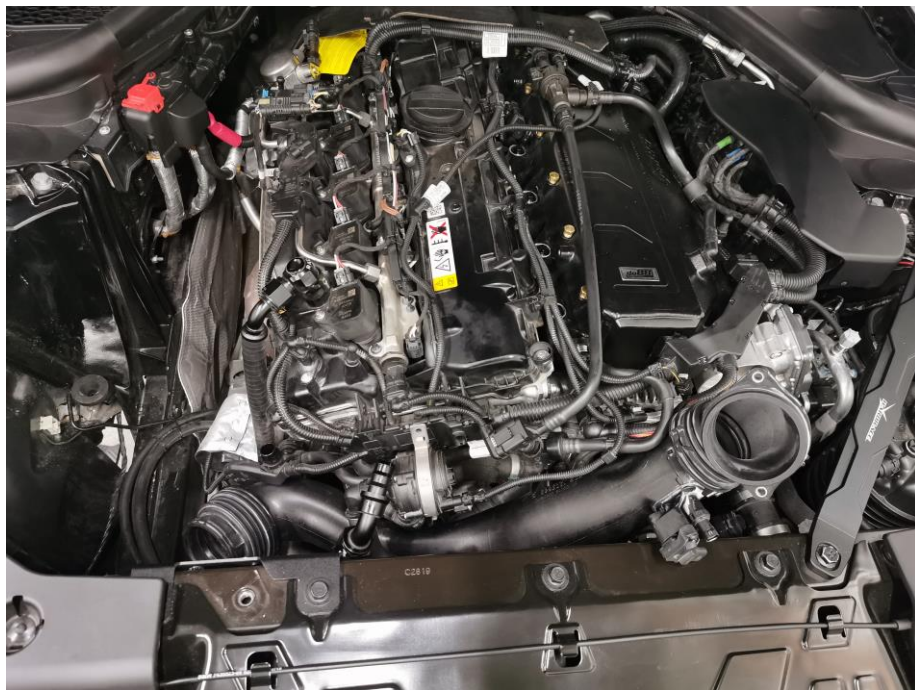
Remove the clip holding the charge pipe to the turbo outlet. Then remove the charge pipe assembly from the car.



Step 6, Picture 1

## Step 6

Depending on your cars configuration/modifications there might be different ways out. Here is one way out shown in 3 pictures.



Step 6, Picture 2



Step 6, Picture 3

## Step 6

## Step 6



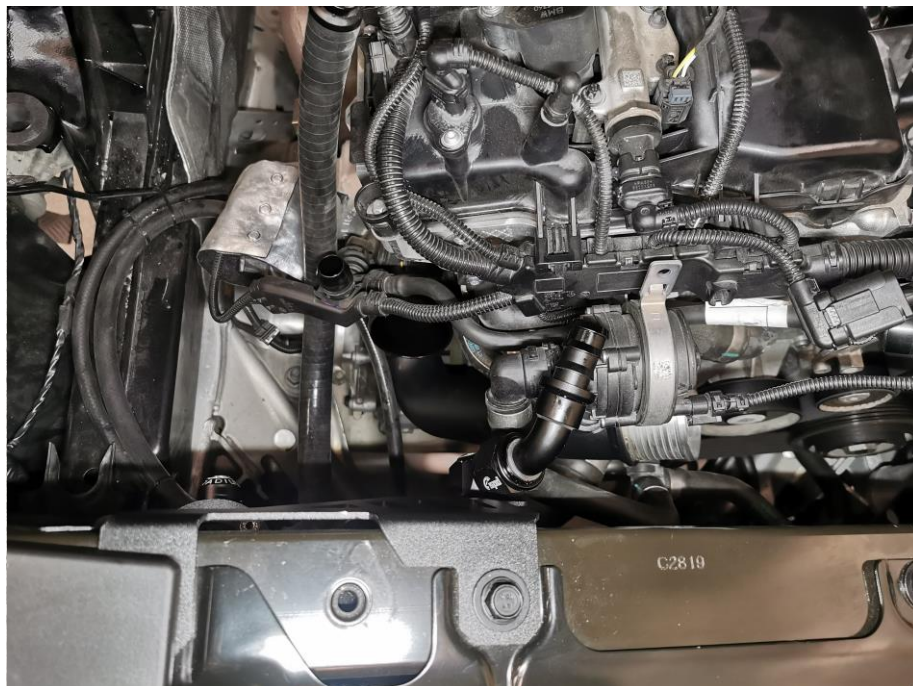
## Step 7

Transfer the sensors from the OEM charge pipe to the do88 throttle body pipe. Secure the sensor with the included M6 screw.



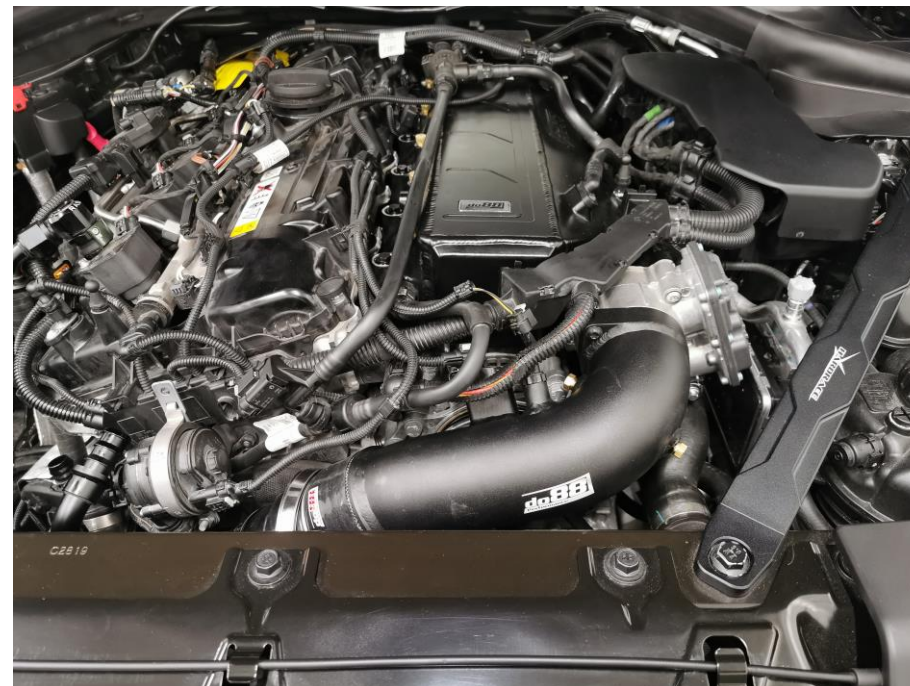
## Step 8

Transfer the OEM sealing rings and the turbo outlet lock clip to the do88 Performance charge pipes. Make sure to install the turbo outlet sealing ring in the right direction with the lip pointing into the charge pipe.



## Step 9

Start by installing the turbo outlet pipe and make sure the clip is seated securely.



## Step 10

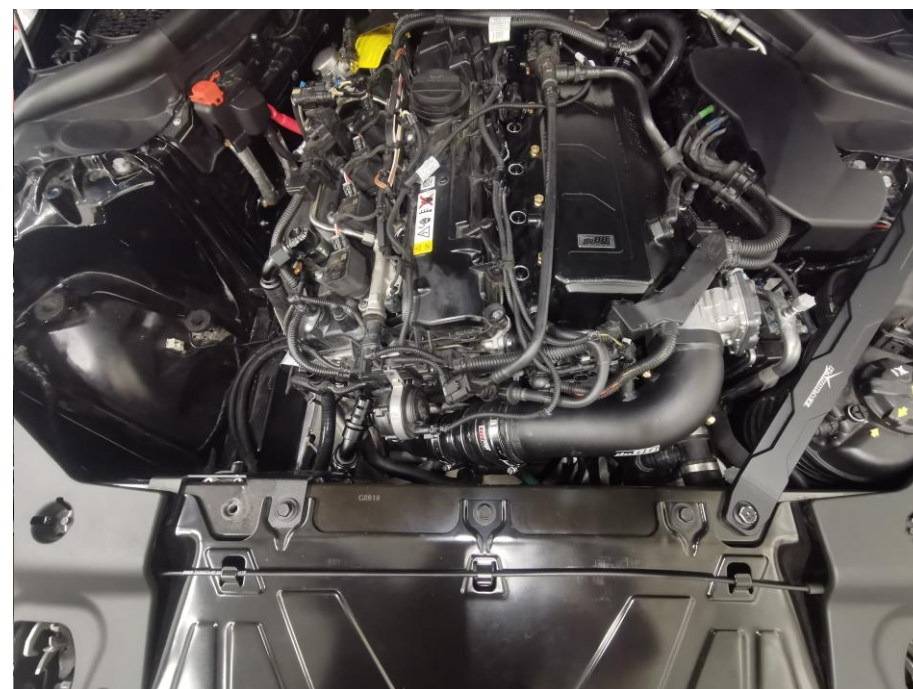
Install the silicone hose with hose clamps loosely on it and the throttle body pipe. Secure the pipe to the throttle body with the OEM screws.





## Step 11

Make sure the hose sits correctly on both ends there is a little room for adjustment of angle for the turbo outlet pipe, then tighten the hose clamps to 5Nm.



## Step 12

Re-connect the electrical connections to the sensors and reinstall the remaining parts in reverse order.



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