

Ford Bronco 2.7L V6 TwinTurbo Cold Air Intake System

SKU: BBCAIS026



Thank you for purchasing the Ford Bronco 2.7L V6 TwinTurbo Cold Air Intake System

This Installation guide provides instructions on how to install the Blackboost Cold Air Intake and the tools required.

Content of the Package

1. Powder-coated Airbox	-	1
2. Molded Composite Intake Tube with 1/8th Npt Ports	-	2
3. Oversized Turbo Couplers with clamps	-	2
4. 5.5-Inch High-Flow Synthetic Dry Air Filters	-	2
5. Charge Pipe connection extender	-	1
6. IAT Sensor Extension Cable	-	1
7. Diverter Hose	-	1
8. Standard Logo Plate	-	1



Compatibility

Ford Bronco 2.7L V6 TwinTurbo - 2021 – 2024

Caution: Make sure the engine bay is cooled down.



Tools Required

1. Hex nut drivers
2. Flat head screw driver
3. Pry Tool
4. Hose Clamp Plier
5. Hook Pick

PPE

1. Gloves
2. Safety Glasses

OEM Air Box Removal

Step 1

Unplug the sensor cables as shown below



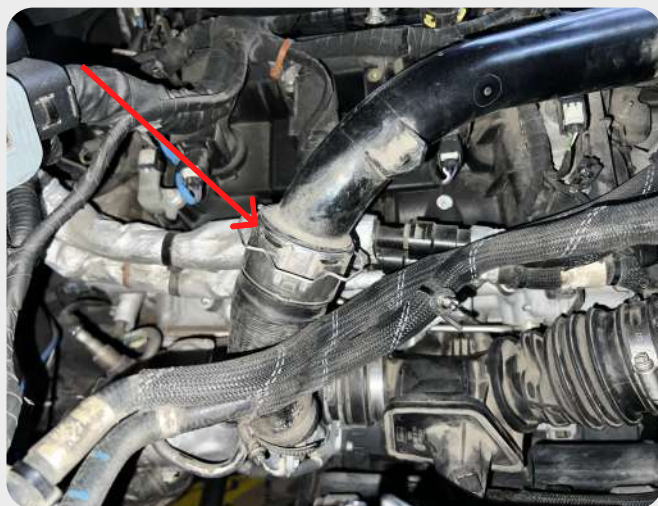
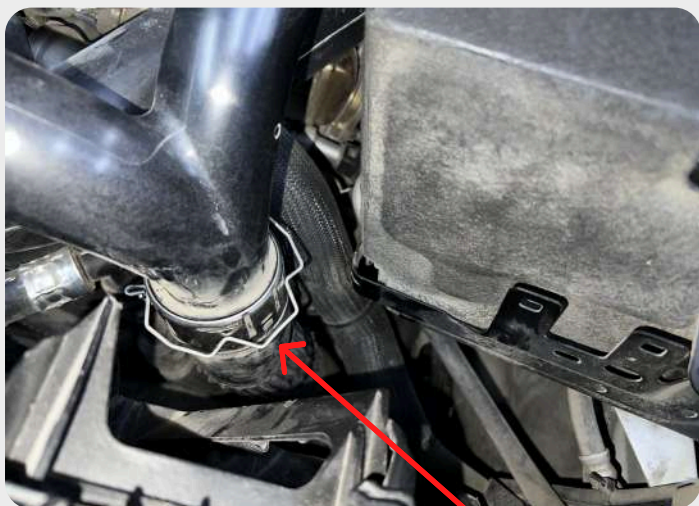
Step 2

Remove these clips before removing the OEM airbox



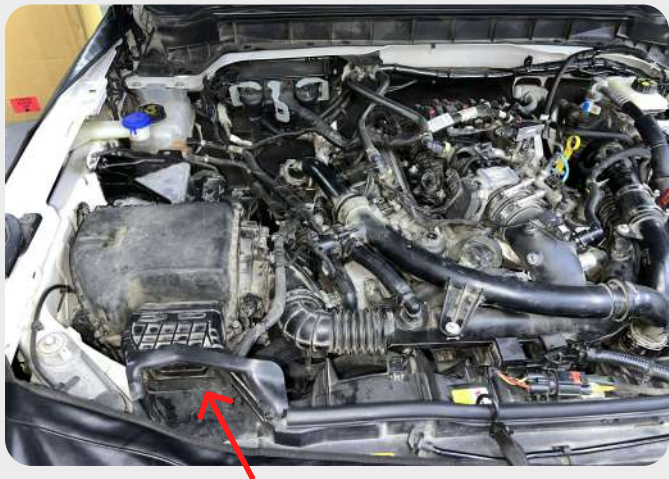
Step 3

Release the metal retainer clips to remove the hot-side charge pipe



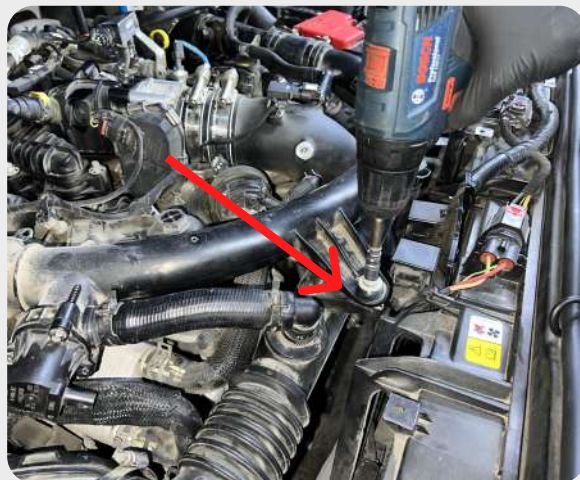
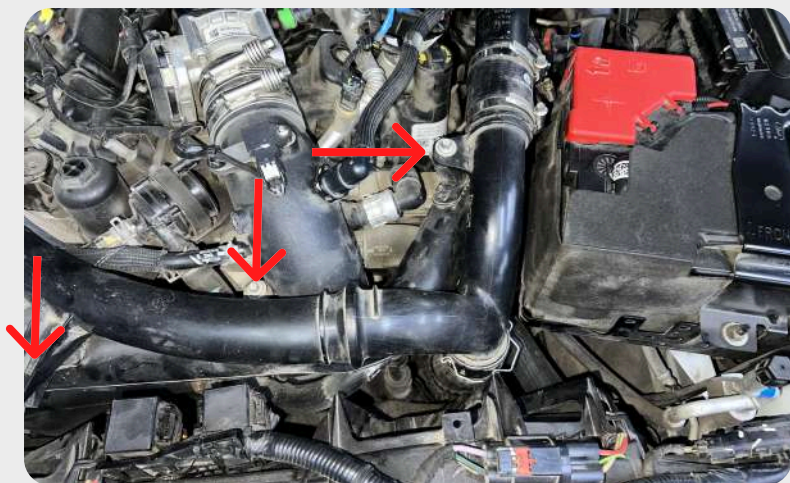
Step 4

Remove the retainer clips from the inlet duct, as shown in the image below.



Step 5

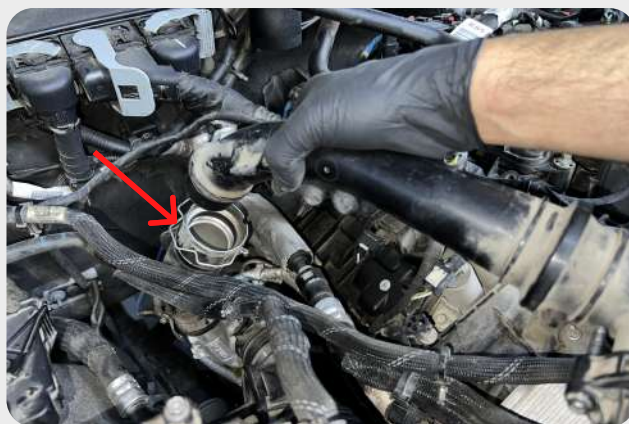
Remove the bolts as shown below to remove the hot-side charge pipe.



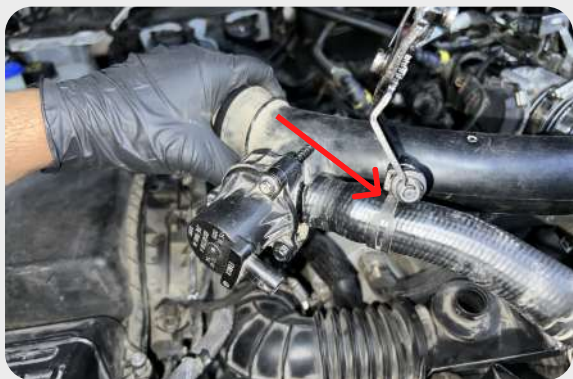
Step 6

Loosen both clamps shown below and remove the hot-side charge pipe.





Then, remove the OEM diverter hose from the diverter valve.



Step 7

Loosen the clamps shown below and remove the OEM intake tube.





Step 8

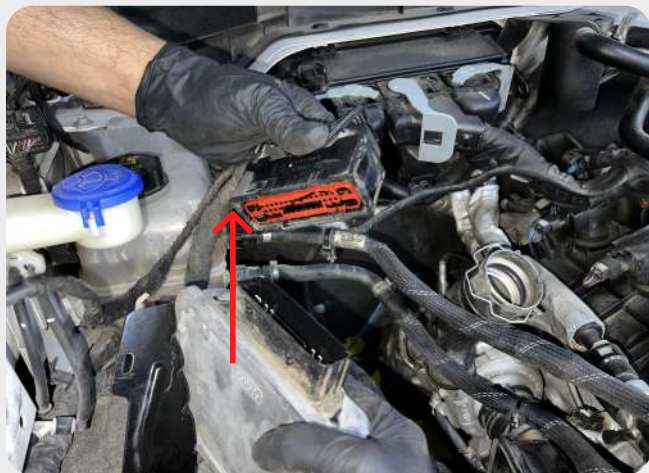
Loosen the clamp shown below from the OEM airbox, then remove the OEM airbox.



Step 9

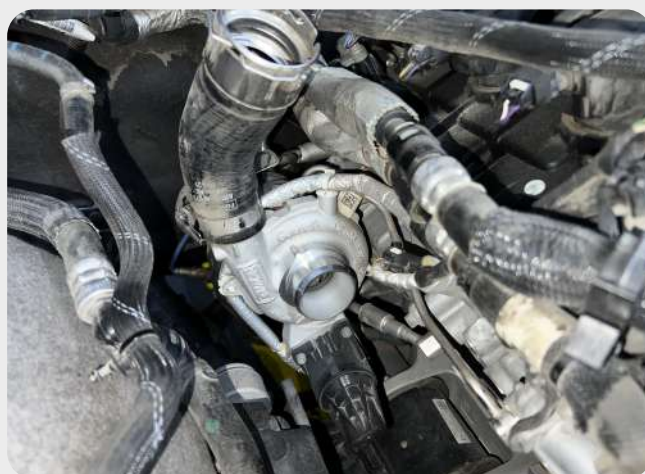
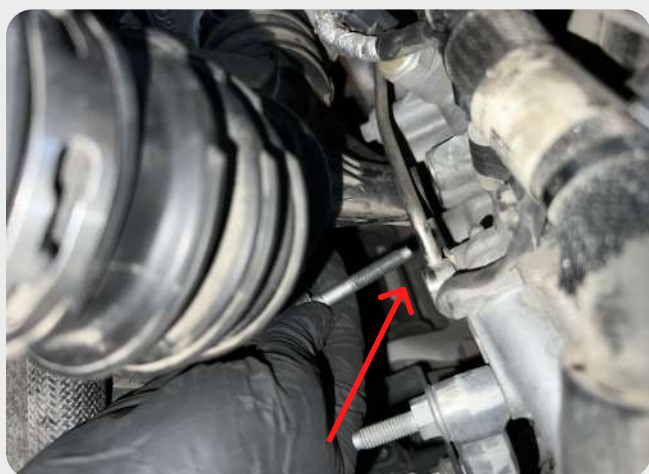
Unplug the module's connection and remove the module along with the bracket. Set the module aside for later use.





Step 10

Loosen the bolt and clamp to remove the OEM turbo coupler, as shown below.



Step 11

Loosen the clamps and remove the coupler shown below.

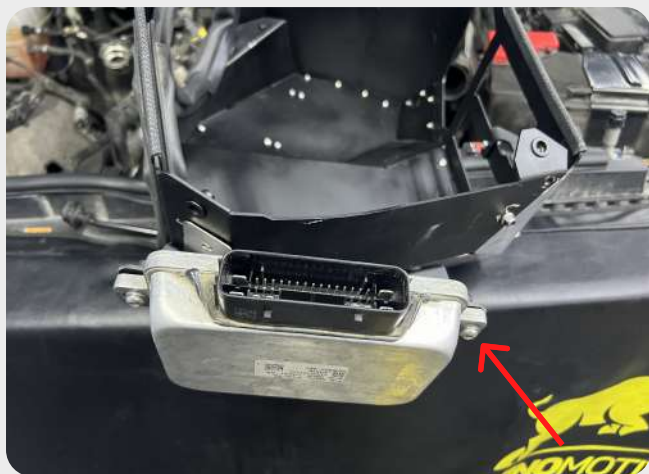


BlackBoost Cold Air Intake Installation



Step 1

Install the module to the BlackBoost Airbox.



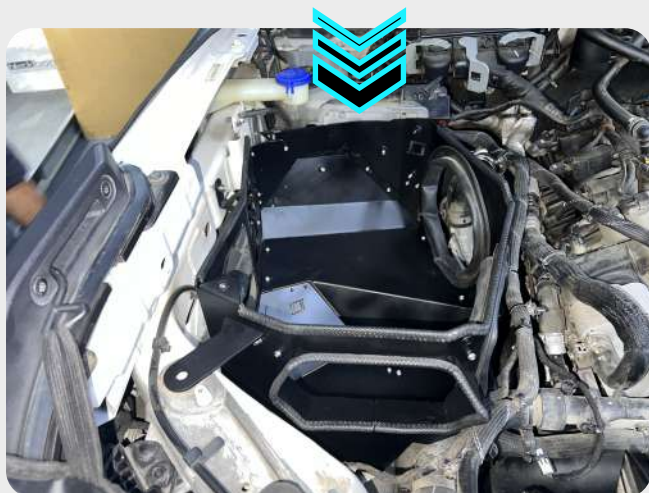
Step 2

Remove the below shown bolt in order to install the Airbox.



Step 3

Place the Airbox and tightening the screws and bolts.





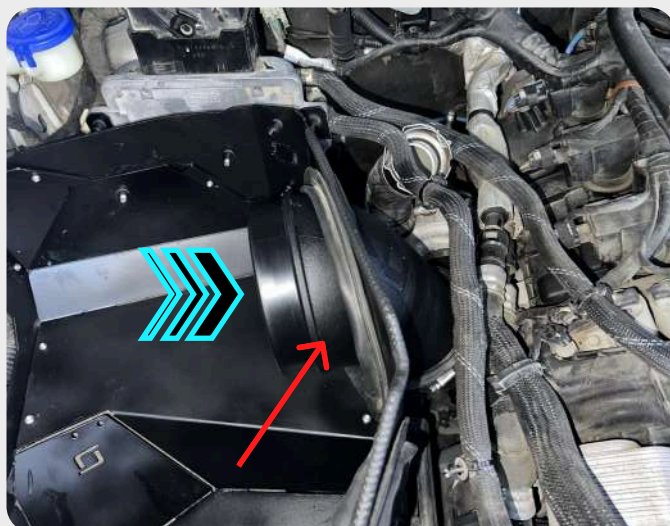
Step 4

Plug the Module's cable and lock it as shown below.



Step 5

Install the short BlackBoost Tube as shown below and tighten the clamps.



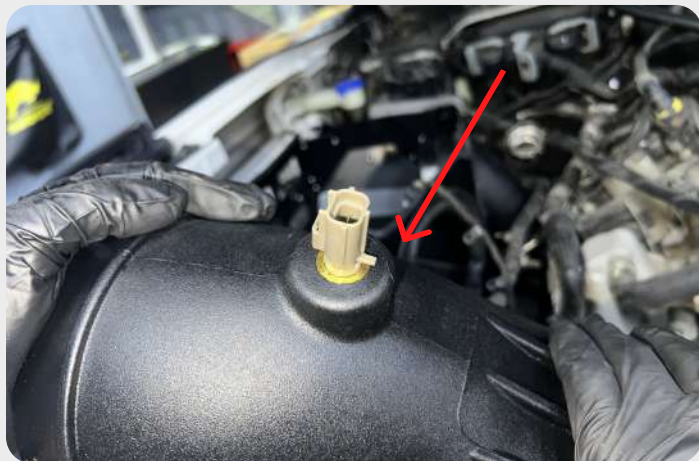
Step 6

Install the below shown BlackBoost coupler and tighten the clamps.



Step 7

Insert the IAT sensor removed from the OEM Airbox onto the Blackboost Long tube.



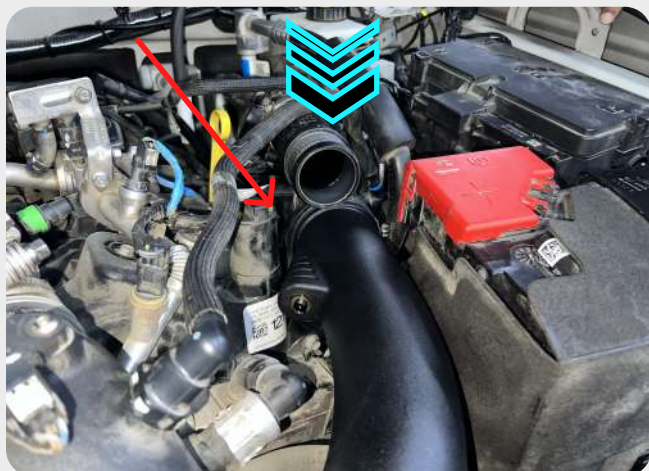
Step 8

Install the BlackBoost Long tube as shown below.



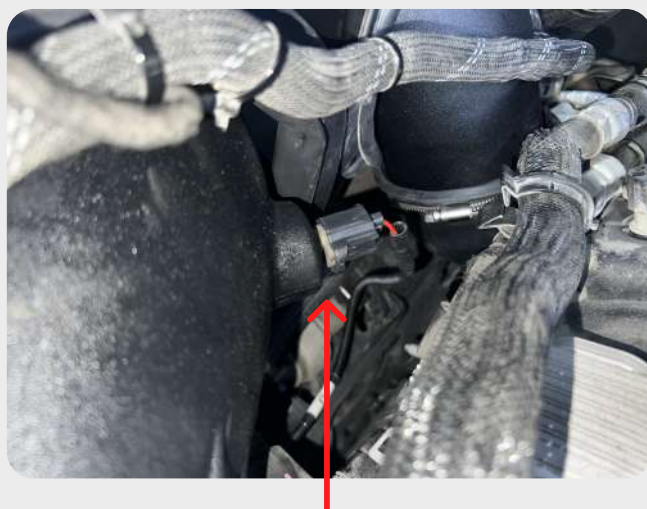
Step 9

Ensure the BlackBoost tube along with the coupler is firmly installed.



Step 10

Use the provided sensor extension cable to complete the connection of the OEM IAT sensor.



Step 11

Install the BlackBoost filter and hand tighten it as shown below.



Step 13

Install the BlackBoost couplers and hand tighten it as shown below.



Step 14

Install the other Filter and hand tighten the clamps

(Only hand tighten it and make extra care to make sure you don't over tighten it)



Step 15

Install the OEM inlet duct to the BlackBoost Airbox as shown below.



Step 16

Install the OEM charge pipe using the BlackBoost coupler as shown below.



Step 17

Tighten the clamps as shown below.



Step 18

Lock the charge pipe by using the metal retainer clips.



Step 19

Connect the diverter valve cable and then use the OEM diverter hose tension clamps to install the BlackBoost diverter hose as shown below.



Step 20

Install the logo plate to the cover and then install it to the BlackBoost Airbox.



Step 21

Ensure to tighten the thumbscrews.





Thank you again for your purchase.

Hope you enjoy, drive safe & responsibly.

Disclaimer: *In no event will BlackBoost, or its affiliates be liable for any damage to your car, its components or yourself. Please be aware of local laws and regulations prior to installation.*